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SPRING - 1920

PAINESVILLE,
NURSERIES

THE
STORRS AND HARRISON CO.,
PAINESVILLE,
OHIO

*GIANT ORCHID FLOWERED SPENCER
SWEET PEAS*

ONE 10¢ PACKET OF EACH COLOR
FOR **65** CENTS



*THE STORRS AND HARRISON Co.,
PAINESVILLE, OHIO.*



CATALOGUE No 2

SPRING 1920



THE PAINESVILLE NURSERIES.

ABOUT OURSELVES. This house was established in 1854. It has thus been in uninterrupted operation for 66 years, expanding normally from year to year. Today it is rated high among the great American houses devoted to the Nursery business and its allied trades; and is generally conceded to be the leading Departmental Nursery in America. We believe the three most important elements entering into its past success are these: It started with, and has striven to maintain an ideal. It has played fair with its customers, and acquired their faith. It has proven the established quality of its goods, and earned respect.



ABOUT THE TIMES. Readers of this catalogue will note the absence of many familiar articles and varieties usually offered, and may experience a shock when comparing current prices with their recollection of ante-bellum days. **THE REASONS ARE:** Shortage of stock due to limited plantings forced by war conditions, and unprecedented demands since; shortage of coal, which limits greenhouse production; shortage of labor, which handicaps every separate action, from fitting the ground to shipping the matured product; unabated congestion and confusion in transportation; and—the last straw—federal quarantine No. 37, which excludes from importation, not only such important items as Azaleas, Boxwoods, Rhododendrons, Magnolias, Evergreens, etc., but also certain fruit stocks, upon which American nurserymen have always depended for their budding.

We will modify our landscape plans; and will raise our own seedlings; and will get back to normal in time, but present conditions are extremely trying.

PRICES reflect the times; trying to keep just one jump ahead of cost of labor, farm machinery and accessories, fertilizers, packing materials, taxes and H.C.L. generally.

Take our word for it, we wish we could sell cheaper. There was more profit in the good old days, when Nursery stock was priced at 50% less. Sincerely, **THE STORRS & HARRISON CO.**

Our Complete Stock makes it possible for customers to secure everything needed for orchard, kitchen-garden, lawn, flowerbeds, window-garden or conservatory in one order and at one shipment, thereby saving a large per cent. of the express or freight charges that would be incurred by ordering from half a dozen localities.

Novelties and new varieties will be found offered under their respective headings. We endeavor to test all new American and European introductions, offering only those we believe will be of value, and discarding old sorts only as they are superseded by better kinds.

Departments Separate. Our Seed, Plant and Fruit departments are entirely separate. Often the seeds or plants on a combined order may be sent 24 to 48 hours before the balance of order is filled; if only part of order is received, please wait two or three days for balance, before writing us.

How to Order. Please use order sheets found in front part of this catalogue, carefully filling in blank spaces and enclosing payment for full amount of order. Write very plainly, or print: name, post office, county, state, street and house number or R. F. D. where you get your mail; with explicit directions if stock is to be shipped to some other town. To avoid mistakes do not write letters on same sheet as orders.

When to Order. We are prepared to fill orders as soon as this catalogue reaches you. Send in your combined orders for seeds, trees and plants, and if you do not wish trees and plants sent until time to plant in your locality, will send seeds at once and balance of order later. If you want part or all of order held, state it distinctly, with date when shipment is to be made.

Non-Warranty. While we hold ourselves in readiness, on proper proof, to replace free of charge all trees, etc., that may prove untrue to label, or refund the amount paid, we give no warranty expressed or implied as to description, quality, productiveness or any other matter of any Nursery stock, seeds, bulbs or plants we sell.

Our Guarantee. All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified. Accept shipment, examine and count on receipt and notify us at once should there be any errors, and the carrier as well, if any damaged stock. This guarantee not good unless above requirements are complied with. We do not guarantee continued growth. Remember a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes, drinks and feeds, and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition.

THE STORRS & HARRISON CO., Painesville, Ohio.

Remittances should be made by post-office or express money order, bank draft or registered letter. Remittances in any other way are entirely at sender's risk. Personal checks not accepted unless enough is added to cover bank exchange.

Postpaid by Mail. We deliver postpaid to any post-office in the United States any article in this catalogue offered by mail.

Please bear in mind that parcels post shipments are limited in weight and volume, thus restricting mail service to small sized articles and rather small quantities.

Express Preferable. We do not prepay express charges, but offer reduced express price instead. Where distance is not too great it is best to order by express; stronger stock in better condition can be sent, and if goods are miscarried or damaged, they can be more easily traced and damage rectified.

Catalogues. The following editions (except No. 1) free to all planters:

No. 1—One of the best descriptive catalogues issued; offering and describing a full line of fruit and ornamental trees, grape-vines, small fruits, roses, shrubs, climbing vines and hardy plants, with instructions for planting, spraying, etc., profusely illustrated with half tone cuts from photographs of desirable specimens. Price 10 cts.

No. 2—This one.

No. 3—Holland and other bulbs for fall planting, winter blooming plants, hardy perennial plants, shrubs, fruits small fruits, grape vines, etc., issued during August.

Orders less than \$1. We cannot afford to fill orders of less amount than one dollar, unless, in addition to amount for plants wanted, ten cents is sent. This does not apply to Seed orders.

(Signed) **THE STORRS & HARRISON CO.**



TESTED **SEED**

SEED AND WAREHOUSE

FOR GARDEN FIELD and FARM

THE year just passed was far from a favorable one for the production of bountiful seed crops. Late frosts in some sections and extremely dry weather in others have tended to produce light yields in many of the crops.

While growing conditions were so unfavorable there was, however, the largest acreage planted for seed ever known in the history of this country, and the supply of most seeds will be sufficiently large. Peas have made the poorest yield of all crops, many of the varieties not returning as much as the stock seed planted. While we cannot offer some kinds of Peas in as large quantities as formerly, we hope to have a sufficiency to take care of the normal wants of our customers.

About Prices. At prices named we guarantee that all seeds you may order in Packets, Ounces, Pounds or Two Pounds, will be delivered to your home or post-office postpaid. If ordered delivered by express or freight at above prices deduct for postage at the rate of ten cents for each pound.

Unless noted all other quantities larger than two pounds will be sent at purchaser's expense by either Express or Freight.

Days Required. For convenience we have placed in figures after the name of each variety of vegetables, the approximate number of days required from seed sowing for that variety to reach the state when it is ready for harvest and market. This feature of our catalogue has received much praise from our customers, many of whom have complimented us upon its installation and assured us of the valuable service it renders them. These figures are based upon tests made in our own locality under average growing conditions and it should be borne in mind that as climate, rainfall, soil and location all have so much to do with crop production, the number of days given will vary with different conditions.

Our Seed Trade is entirely through this catalogue. It is the only agent we employ. We send out no seeds to be sold again on commission, but—deal direct with the planters—devoting all of our resources to supplying them with the best and finest stocks obtainable. The substantial increase our business receives each year assures us that our efforts are not in vain and that our seeds are meeting the requirements of the most particular planters.

Guarantee of Genuineness. While we exercise great diligence and care to have all of our seeds true to name and hold ourselves in readiness, on proper proof, to replace all Seed that may prove untrue to name, free of charge or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said seeds that prove untrue.

(Signed) **THE STORRS & HARRISON CO.**

Ohio Yellow Globe Onions *Beet and Tomato Trials*

COLLECTION "A"

A Complete Vegetable
Garden Postpaid for

\$1.00



Collection "A" is as illustrated, a complete assortment of all the vegetables usually found in the vegetable garden. Each variety in the list is a dependable sort and succeeds well under ordinary culture. The twenty-five full sized packets make up the list. **Price \$1.00 postpaid.**

**25
PACKETS
OF
CHOICE
VEGETABLE
SEEDS**

1 Packet Beans, Imp. Red Valentine.
1 Packet Beet, Crimson Globe.
1 Packet Cabbage, Prem. Late Flat Dutch
1 Packet Carrot, Chantenay.
1 Packet Cauliflower.
1 Packet Celery, White Plume.
1 Packet Corn, Stowell's Evergreen.
1 Packet Cucumber, Cool and Crisp.
1 Packet Egg-Plant.
1 Packet Lettuce, Denver Market.
1 Packet Musk-Melon, Early Hackensack
1 Packet Water-Melon, Cole's Early.
1 Packet Onion, Ohio Yellow Globe.

1 Packet Parsley, Moss Curled.
1 Packet Parsnip, Hollow Crown.
1 Packet Peas, Horsford's Market Garden
1 Packet Pepper, Sweet Mountain.
1 Packet Pumpkin, Sugar.
1 Packet Radish, Icicle.
1 Packet Salsify.
1 Packet Spinach.
1 Packet Squash, Giant Summer
Crookneck.
1 Packet Squash, Hubbard.
1 Packet Tomato, Spark's Earliana.
1 Packet Turnip, Purple Top White Globe

THE BACK COVER COLLECTION

On the back cover of this catalogue we have illustrated, in natural colors, six of our choicest vegetables. These are not untried novelties, but reliable sorts that have been proved "best by test." We want you to enjoy these this coming year and will mail you a full sized packet of seed of each vegetable for 50c postpaid. The following make up the set:

BEAN—Davis Kidney Wax.
BEET—Detroit Dark Red.

CORN—Golden Bantam.
CUCUMBER—Early Fortune.

RADISH—White Tipped Scarlet
TOMATO—Bonny Best.

ARTICHOKE

Raised for the young green flower heads which are usually boiled or baked and eaten with a butter sauce.

CULTURE. To obtain globes the first year, the seed should be sown in February or March and kept growing until the weather is suitable to transplant to the open ground. Seed sown in May will not bear globes until the following year. Transplant into rows three feet apart, setting the plants two feet apart in the row. Protect through the winter by mulching and earthing up around the plants.

Green Globe This is the very best variety. Large elongated green heads, very tender and delicious. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

ASPARAGUS

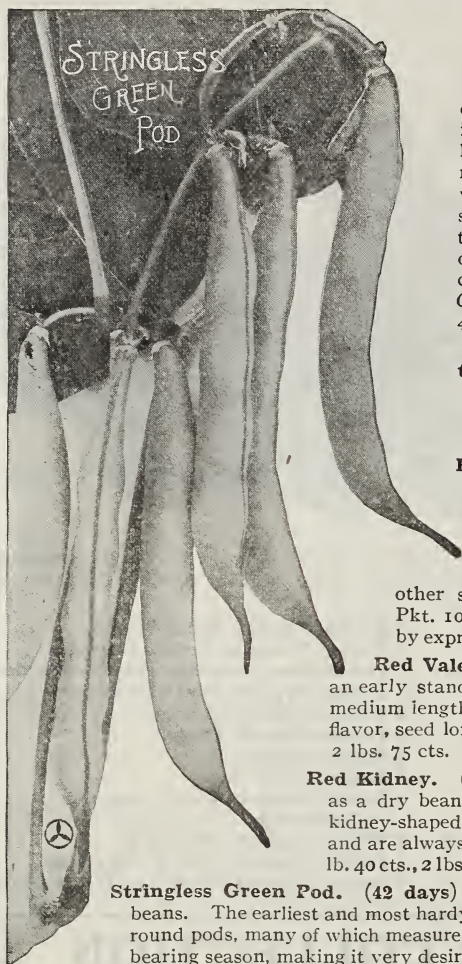
1 ounce to fifty feet of drill

CULTURE. Seed of asparagus should be sown early in the spring, in drills two inches deep. When seedlings are one or two years old transplant (for the family garden) twelve to eighteen inches apart in the row, and cover crowns to a depth of two inches. For commercial usage plant in rows four to five feet apart, placing crowns eight to ten inches apart in the row.

Columbian Mammoth White. (2 years) This is a very vigorous growing sort producing splendid white shoots of the very finest quality. We can highly recommend this variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Conover's Colossal. (2 years) A well known standard variety, very large strong shoots of excellent quality, not as clear white as Mammoth White, but preferred by many. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Palmetto. (2 years) The very earliest variety and of the green type, delicious flavor and very popular and profitable as a market variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



BEANS

CULTURE. A light loam is best adapted to a perfect bean crop. Plant as soon as the ground has become thoroughly warm in rows from two feet for hand cultivation to three feet apart for horse cultivation. Cultivate thoroughly and often, keeping a mulch of loose soil at all times. When beans are in bloom cultivate shallow, as deep cultivation at this time causes many blossoms to drop, decreasing the yield. This extra effort will more than repay you in the quality and quantity of your crop. For a succession plant every two weeks. *One pound for fifty feet of row, 45-100 pounds per acre.*

Prices quoted for packets, pounds and two pounds are postage paid by us.

GREEN PODDED

Black Valentine. (40 days) An extremely early, vigorous growing green podded variety, earlier than Red Valentine, very long and slender round pods of exceptional quality. As a variety for very early planting it stands cold and damp soil better than any other sort. Absolutely rust proof, seed black. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 25 cts. per lb.

Red Valentine. (43 days) (Round Pod.) This is an early standard variety that is hard to beat. Pods of medium length, round, very fleshy and tender and of good flavor, seed long, of medium size. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 25 cts. per lb.

Red Kidney. (60 days) One of the best varieties for use as a dry bean. Large flat pods, well-filled with large red kidney-shaped beans. Makes an excellent cooking bean, and are always in demand in every market. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 25 cts. lb.

Stringless Green Pod. (42 days) One of the finest stringless green podded beans. The earliest and most hardy, producing an abundance of large handsome round pods, many of which measure six inches in length. This variety has a long bearing season, making it very desirable for the small garden. Seed dark brown. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 25 cts. per lb.

White Marrow. (60 days) Extensively grown for sale as a field bean for winter use. Seeds large white, twice the size of the Navy or Pea bean, to which it is superior in every way. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 25 cts. per lb.

Navy. A sure cropper and very productive. Much desired for baking as the quality is the best. Dry beans, small, oval, white, green podded. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 22 cts. per lb.

WAX OR YELLOW PODDED VARIETIES

Burpee's New Kidney Wax. (48 days) Two characteristics of this bean, which make it at once popular upon the first trial, are its freedom from disease and the abundance of pods. The fleshy flat pods hang thickly on the plants, are of fine flavor, stringless and free from rust. The pods are of a beautiful lemon yellow, larger than those of Wardwell's which mature at the same time. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 30 cts. per lb.

Challenge Black Wax. (43 days) One of the first to give a full picking. The vines are well loaded with pods which are of a pleasing light yellow color, round, fleshy, tender and stringless. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 28 cts. per lb.

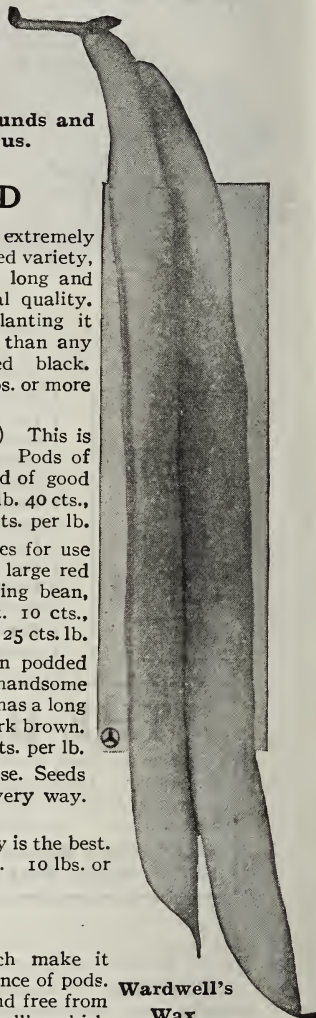
Davis Kidney Wax. (40 days) (See back cover illustration.) This returns a large yield of handsome pods, which are long, flat, clear waxy white in color and do not stain in canning. One of the best sorts for market we have as it ships well, reaching the market in good condition. Pkt. 15 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 30 cts. per lb.

Detroit Wax. (45 days) The erect plants of this early dwarf variety are hardy and productive. Pods are of an attractive bright yellow color, broad and flat, four to five inches long. An excellent sort for market, shipping or home use. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 28 cts. per lb.

Improved Golden Wax. (40 days) One of the earliest beans on the market. Pods are of good length, oval, quite thick and broad, they are entirely stringless, of a clear, waxy, golden yellow, and of fine buttery flavor. Seed white, mottled brown. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 28 cts. per lb.

**Wardwell's
Wax**

(See page 5)



BEANS

Hodson Wax. (50 days) A vigorous grower and the yield of large handsome pods is enormous. Their color is a clear creamy white; very long, straight or slightly curved, flat but fleshy. While late in maturing, the remarkable vigor of the plant is an effectual safeguard against blight and other bean disease. Seed light yellowish brown, splashed with dull crimson. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more at 28 cts. per lb.

Wardwell's Kidney Wax. (48 days) One of the most popular in this section of all the wax beans. The strong vines yield abundantly, pods long, flat, broad and of a delicate waxy yellow, brittle and of the best quality. The large size of the pods make this sort especially desirable for either home or market use. Seed white, mottled with dark around the eye. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more at 28 cts. per lb.

POLE or RUNNING BEANS

Plant from 10th to 15th of May in this latitude. The soil should be well enriched. Set poles four feet apart each way and plant six to eight beans around them, when well started, thin to three plants to each hill.

Early Golden Cluster Wax. (72 days) The finest of all the wax podded pole beans. It bears profusely its large, flat, golden yellow pods in clusters of three to six from bottom to top of pole, and continues in bearing long. Seed white. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts. 10 lbs. or more by express at 35 cts. per lb.

Old Homestead or Kentucky Wonder. (65 days) An excellent green podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. Seed dark brown. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 28 cents per lb.

Lazy Wife. (70 days) One of the best for snaps of the later green podded Pole Beans. Pods borne in large clusters, are long, broad, thick and fleshy. Dry beans are excellent for winter use. Seed white. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts.

Horticultural or Wren's Egg. (75 days) This is the corn field favorite, the so-called October pole bean. Does equally as well planted in corn as on poles. Bean large, round, pink striped with red, of excellent flavor, used in pods or shelled, pods light green striped with red. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts.

LIMA BEANS

The Limas being more tender and liable to rot, if it is cold and wet, must be planted later, about the last of May or first week in June. Plant about one inch deep.

Early Leviathan. (75 days) Earliest of all the Limas and very productive. Pods contain from 3 to 4 large tender beans of the best quality and fine flavor. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 28 cts. per lb.

Green Prolific. (80 days) An early and the most productive pole Lima we have ever seen. The strong vigorous vines bear large clusters of six to eight pods containing five to six perfectly formed beans, as large as any of the other sorts. The shelled beans have the true dark green color so long sought after by many growers. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 28 cts. per lb.

King of the Garden. (90 days) A vigorous grower bearing profusely large pods. The beans are of good size and have a flavor that is unsurpassed by any variety. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 28 cts. per lb.

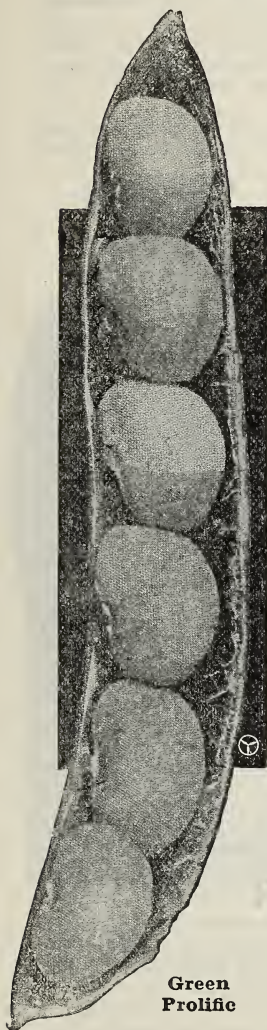
BEANS, BUSH LIMAS

Identical with the pole varieties in size of pods, but being dwarf in growth do not require support. Plant in three foot rows, four inches apart in the row.

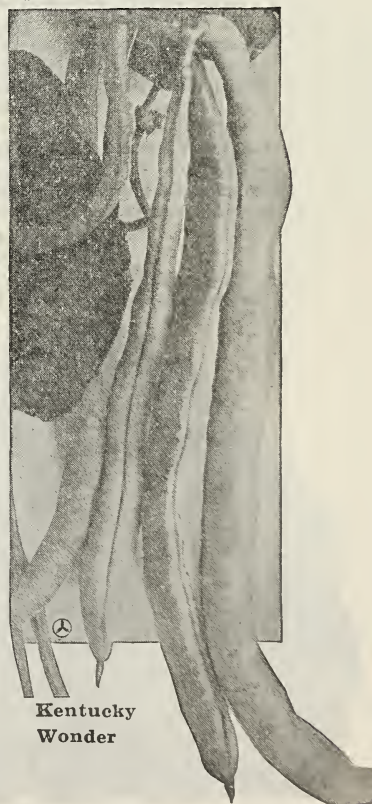
Burpee's Bush Lima. (65 days) A popular variety of Bush Limas, growing only 18 to 20 inches high. Very productive, with pods and beans of the same shape and as large as those of the pole Limas, of excellent quality. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 30 cts. per lb.

Burpee's Improved Bush Lima. (65 days) This bean easily surpasses anything of the Bush Lima type. Very large pods, excellent flavored beans, borne on large vigorous plants. Extremely prolific, hanging in enormous clusters. Pods contain from four to six beans of greenish white color. Pkt. 15 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 35 cts. per lb.

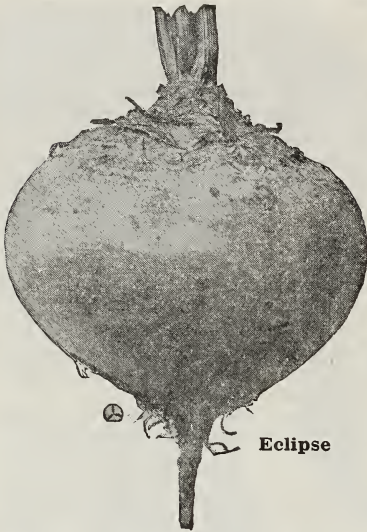
Fordhook Bush Lima. (60 days) This is of an ideal bushy growth with stiffly erect stem and branches. It is an enormous bearer of plump well-filled pods which are borne in clusters of four to six already for use at the same time. The beans are large, thick, and of most excellent quality. Pkt. 15 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 35 cts. per lb.



Green
Prolific



Kentucky
Wonder



Eclipse

Eclipse. (45 days) Remarkable for its early growth and extra fine quality. Smooth and round; skin and flesh red, fine grained and sweet. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Half-Long Blood. (65 days) This is the best for winter use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Swiss Chard Lucullus. The plants grow to a height of two to two and one-half feet. The stalks are heavily ribbed, and from ten to twelve inches long below the leaf; are delicious when cooked, and served in the same manner as asparagus. The leafy portion of the foliage is cooked and served in the same manner as spinach. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$2.00.

SUGAR BEETS AND MANGEL WURZELS

The directions for beet planting answer for sugar beets and mangel wurzels, except that these should be drilled in rows $2\frac{1}{2}$ feet apart and thinned to 8 to 12 inches in the row.

Klein Wanzleben. (65 days) Eighteen tons of sugar made from 100 tons of this beet. One of the largest of sugar varieties. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Golden Tankard. (95 days) A golden fleshed mangel; roots half long and very large. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

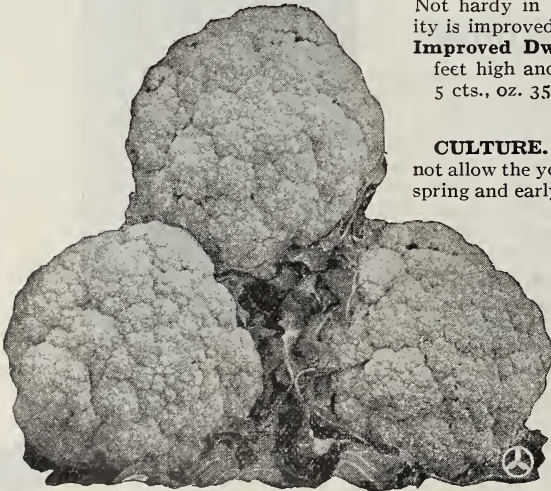
Mammoth Long Red. (115 days) Long smooth roots of large size. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

BRUSSELS SPROUTS

The small cabbage-like heads are much esteemed for boiling. After the heads have become well started the lower leaves may be stripped to admit light and air.

Not hardy in this section but the quality is improved with frosts.

Improved Dwarf. (125 days) Grows $1\frac{1}{2}$ feet high and is very productive. Pkt. 5 cts., oz. 35 cts.



Early Snowball

BEETS

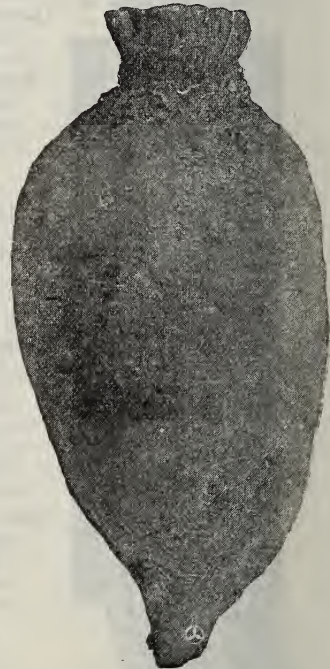
Cultivate thoroughly and often. Sow as early as ground can be worked in drills from twelve to eighteen inches for hand culture, to two and one half feet for horse cultivation, cover to a depth of one to two inches. Continue sowing every ten days for a succession. Thin to a stand of four to six inches apart in the rows. One ounce to sixty feet of drill; five to six pounds per acre.

Crosby's Egyptian. (40 days) Improved strain of Early Egyptian. As early, thicker, smoother, better color and quality than its parent. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Crimson Globe. (45 days) This beet is of fine shape with a smooth and attractive dark red skin and small tap root. The interior is a rich deep crimson and fine grained in texture. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Detroit Dark Red Turnip. (50 days) One of the best sorts for both market and home garden. Roots globular; smooth skin, dark blood red; flesh bright, tender, sweet. (See back cover.) Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.00.

Early Model. (45 days) Extremely early, of perfect globe shape and fine quality. The beets are always smooth, of the deepest blood red color and quickly attain a good size. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



Golden Tankard

CAULIFLOWER

CULTURE. Make the soil as fine as possible for every transplanting, and do not allow the young plants to become checked at any time for want of water. For spring and early summer use, sow in January or February in hot bed, and transplant to cold frame when sufficiently large, and to the garden as soon as the ground is warm enough. For late autumn crops, sow in the early part of June, and transplant in July.

Early Favorite. (110 days) This is very early, exceedingly hardy; will head under conditions in which many sorts would fail. They form large heads, which, although inclined to be open, are crisp, tender and of fine quality. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.00.

Early Snowball (90 days) Very early, and one of the surest to head. If seed is sown March 1st, large-sized heads will be produced early in June. Its dwarf habit of growth renders it one of the best for forcing under glass. Valuable for late planting also. Pkt. 20 cts., $\frac{1}{4}$ oz. 80 cts., oz. \$2.50.

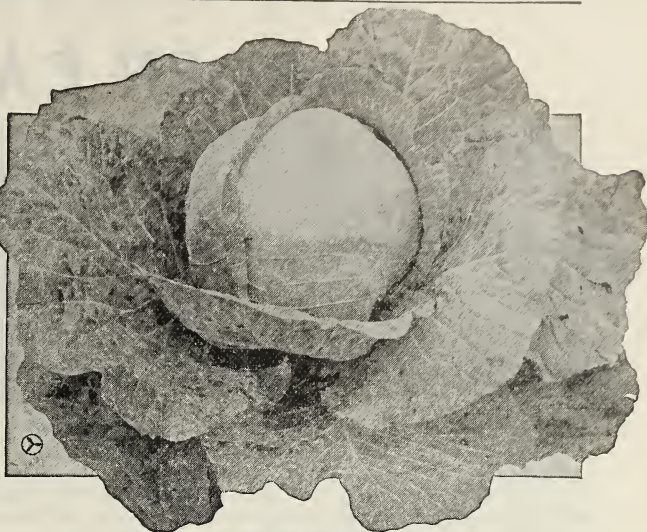
CABBAGE

CULTURE. The early varieties should be sown very early in the spring in hot bed or later in open ground. Plant out 18 inches by two feet apart. The late varieties are usually sown by the last of May and the plants set out in July, in rows three feet apart and two feet apart in the rows. *One ounce will produce 3,000 plants. One-quarter pound of seed in beds enough for an acre.*

All Head Early. (90 days) Of the flat head type. The earliest of all large cabbage. They are solid. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$3.50.

American Drumhead Savoy. (110 days) The Savoy excels all other cabbages in flavor, and this is the best of all. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$3.50.

Charleston or Large Wakefield. (85 days) A popular variety with market gardeners in the south. It is about a week later than Early Jersey Wakefield, but larger. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.



Copenhagen Market

Copenhagen Market. (75 days) Copenhagen Market is without question the finest early cabbage ever introduced. Fully as early as Early Jersey Wakefield. Produces magnificent heads similar to Danish Ball Head, weighing from eight to ten pounds. We unhesitatingly recommend this variety to commercial grower and home gardener alike, as worthy of extensive planting. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Danish Ball Head. (120 days) (Dutch Winter or Hollander.) The heads are of medium size, solid and deep, averaging in weight nearly eight pounds. Their quality is superior and they are just as solid in spring as when put away in the fall. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Early Jersey Wakefield. (75 days) This is the hardest and hardest heading of the extra early sorts, and most Northern gardeners depend upon it for their first crop. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Early Spring. (80 days) The earliest of the flat headed varieties of cabbage. Produces a compact head upon a short stem. Quality is of the best, sweet and tender. Its earliness makes it a favorite with those who garden for market. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Eukhuizen Glory. (80 days) An excellent early variety that has become very popular with the market gardeners. Heads are medium sized, dark green color, solid and heavy. Pkt. 5 cts., oz. 50 cts., $\frac{1}{4}$ lb., \$1.50, lb. \$5.00.

Odense Market. (110 days) This is the newest and a superior variety of red cabbage. Dark red in color, heads medium sized, hard and heavy. Desirable for pickling and salads as well as general use. Pkt. 5 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.00.

Premium Flat Dutch. (110 days) A good cabbage for late use. It possesses all the good qualities of the late Flat Dutch, and is a sure header. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$3.50.

Sure-Head. (100 days) Makes a solid, large head, with few outer leaves. A strong, vigorous grower, ripening late. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

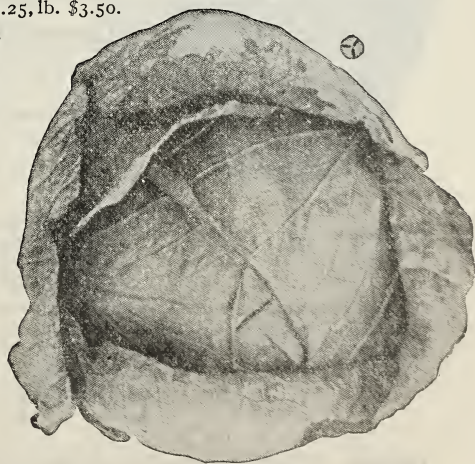


Pe Tsai
(Chinese Cabbage)

CHINESE CABBAGE

CULTURE. For early use sow the seed in hot bed in February or March. When four inches high transplant, if the weather is suitable, to open ground, setting one foot apart in two and one-half foot rows. For late or main crops, seed should be sown in August or early September and transplanted as soon as large enough.

Pe Tsai. While not a cabbage, it is closely related to it, both belonging to the Brassica family. When well grown Chinese cabbage makes a head 15 inches long and 4 to 5 inches in diameter, which blanches to a beautiful white. May be eaten as a salad or is delicious when cooked in the various ways ordinary cabbage is served. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.



Early Spring

GARDEN CARROTS



Chantenay

CULTURE. Cover the seed about one-half inch in depth, and press the soil firmly over the seed with the feet or a roller. For early use sow as early in the spring as the ground can be worked, and for late crop from May 1st to June 1st. Sow in drills 15 inches apart and thin to three or four inches apart in row. Two and one-half pounds of seed will sow an acre, one ounce to 200 feet of drill.

Chantenay. (60 days) Uniform and intermediate in size and shape. The flesh is of a deep golden orange color. For table use one of the best. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Danvers. (75 days) A handsome shaped smooth carrot of good size. One of the best for stock feeding. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Guerande or Ox-Heart. (75 days) A variety good either for family use or market, and profitable for feeding. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Early Scarlet Horn. (50 days) Excellent for early planting out of doors. Roots top-shaped but tapering abruptly to a small tap; skin orange red. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

Improved Long Orange. (75 days) A long variety. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Improved Nantes. (65 days) A fine quality half-long carrot, almost cylindrical in shape, blunt end and very small tap root. Flesh fine grained, with very little core. The skin is a beautiful orange color and very smooth. Improved Nantes is one of the best table sorts that we list. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

STOCK or FEEDING CARROTS

Carrots are splendid horse and cattle feed. If you plant for no other purpose, try some for your horses this year. We offer one variety only of Stock Carrot, which we have proven by test to be the best of its type.

Large White Belgian. (90 days) This is the giant among carrots and produces an immense quantity of large, nutritious roots, three to four inches in diameter at the shoulder and from ten inches to one foot long. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

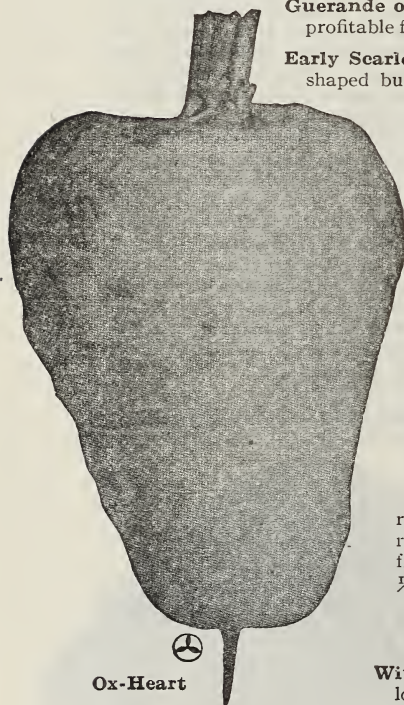
CHICORY

Witloof. (French Endive.) Seed sown in the spring produces long thick roots by November. To force for use the roots are dug in the fall, trimming off the leaves an inch above the crown. Trench in a warm, dark place, covering with six or

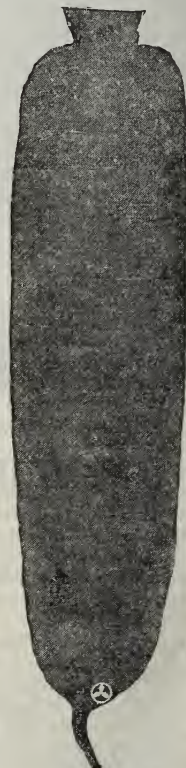
eight inches of soil and a top layer of fresh manure. The blanched head of leaves thus obtained resemble Cos lettuce and makes a delicious salad. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.00.

COLLARDS

Georgia. Forms a loose head of cabbage like leaves which are largely used for greens. May be used as soon as large enough, but are improved with frosts. Sow seed in open ground, and when well started thin to 15 inches apart in the row. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.



Ox-Heart



Imp. Nantes

CELERY

One ounce of seed will produce from 3000 to 5000 plants



Emperor Celery

For an early crop the seed should be sown inside in boxes in January or February and set out in the open ground as soon as the trees leave out in the spring. For late or main crop the seed may be sown in the open ground as soon as the soil can be worked and transplanted during the month of July.

Columbia. (110 days) An early maturing sort, unsurpassed in shape and quality. The plant is of medium height, but very stocky and heavy. The stalks are thick, almost round; the color has in it more of the rich yellow tint of Golden Yellow Self-Blanching, which variety it resembles very much in appearance. The foliage is of a distinctly light shade of green with a tinge of yellow. Its quality is exceptionally fine. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Celeriac Giant Prague. (125 days) The root of this celery is turnip-shaped, sweet and tender, and may be cooked like turnips or eaten like radishes; used largely for seasoning meats and soups. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

Emperor. (125 days) Emperor Celery is the finest of all the green Winter varieties. It is the true dwarf type with large heavy stalks which blanch easily. The plants grow from 15 to 18 inches high, while the blanched parts are 6 to 9 inches long. When well blanched out the stalks are a clear white, tinged with yellow and the leaves a healthy green color. Emperor Celery has a rich nut-like flavor found in no other sort and is always crisp and tender. For either home or market use we cannot recommend this celery too highly. Pkt. 10 cts., $\frac{1}{2}$ oz. 75 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.

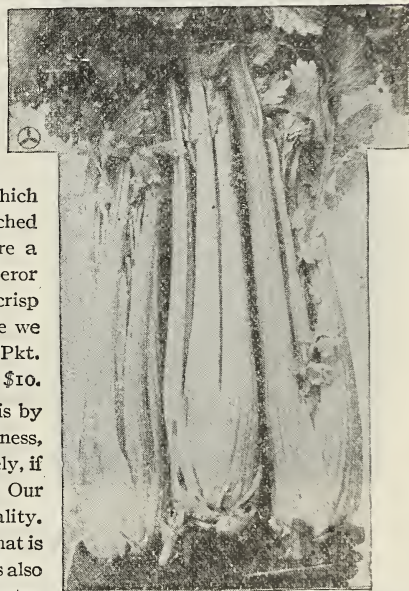
Golden Self-Blanching. (110 days) This is by far the most desirable of all celery for earliness, excellence of quality and ease of growth. Rarely, if ever, pithy and of a rich golden yellow color. Our seed is genuine French grown and of finest quality. Among market gardeners this is the variety that is in greatest demand. As the name implies it is also entirely self-blanching. Pkt. 10 cts., $\frac{1}{2}$ oz. 70 cts., oz. \$1.25, $\frac{1}{4}$ lb. \$4.00.

Giant Pascal. (135 days) A variety for second early and midwinter use. The stalks are large, thick, solid, crisp and of a rich nutty flavor, free from bitterness. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

White Plume. (120 days) For fall and early winter use this is the most popular celery. Its eating qualities are excellent, while its white feather-like foliage places it ahead of all others as a table ornament. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Winter Queen. (140 days) This is one of the finest varieties for winter use. Makes a stocky, vigorous growth, which blanches easily. The hearts are large and solid but very crisp and tender. Blanches to a beautiful creamy white. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts.

For Flavoring. Germination is too poor for use as seed, but is excellent to use for flavoring soups, pickles, etc. Oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 65 cts.



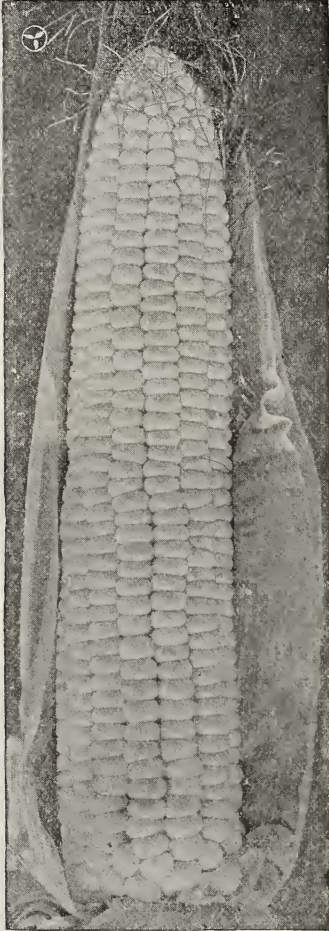
Golden Self-Blanching



Columbia

SWEET CORN

Please note that prices quoted for pounds and two pounds are postage paid by us. If ordered by express or freight deduct at the rate of 10 cents per pound.



Howling Mob

One pound plants 150 hills; eight to twelve pounds per acre; in drills or broadcasted for fodder 20 to 50 pounds per acre.

EXTRA EARLY VARIETIES

Extra Early Adams. (52 days) Not a sweet corn, but is so hardy that a planting may be made before it is safe to plant the sweet varieties. Roasting ears may be had extremely early and are of good quality. Pkt. 10 cts., lb. 35 cts., 2 lbs. 60 cts. 10 lbs. or over by express at 20 cts. per lb.

Golden Bantam. (60 days) (See back cover for colored illustration.) Of all the varieties of Sugar Corn this has become the most popular. Matures with the earliest and by making a planting every two weeks, may be had from early Summer until frost. The kernels are a rich golden yellow, very tender and with a flavor that is exceptionally rich and pleasing. The ears are eight rowed, six to seven inches long—just the right size for serving on the cob. This is the sweetest of all corns. Pkt. 15 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 25 cts. per lb.

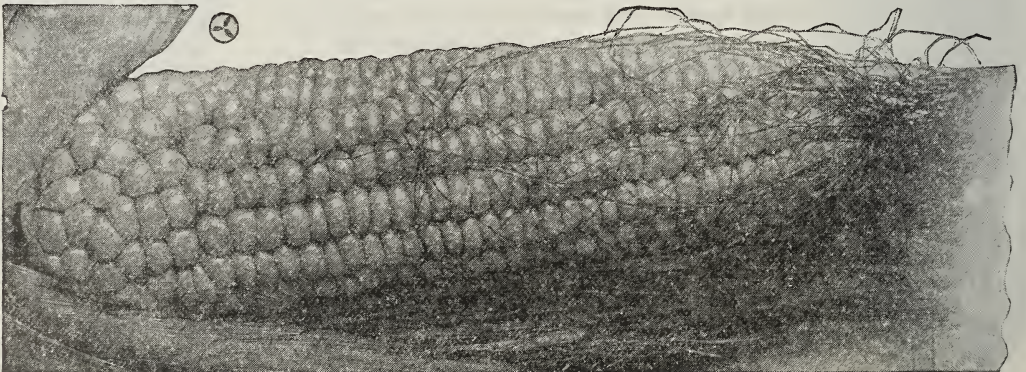
Howling Mob. (65 days) This is one of the newer varieties that has become very popular by reason of its many good points. It is the largest eared of all the early sorts and usually produces two ears to the stalk. The ears are from 7 to 9 inches long, well protected with husk, kernels large and pure white. A fine variety for market. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 25 cts. per lb.

Kendel's Early Giant. (65 days) Early, yet the ears grow to a remarkable size, measuring 8 to 10 inches in length, with usually 12 rows to the ear. Kernels are pure white and of splendid eating qualities. This variety is a prime favorite with the market gardener and is an excellent sort for the home garden. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 25 cts. per lb.

Mammoth White Cory. (65 days) Large ears with twelve rows of perfectly formed kernels. The grains are large, pure white and of excellent quality. For an early pure white sugar corn this old favorite is unsurpassed by any. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 25 cts. per lb.

SWEET CORN FOR FODDER

There is nothing better for green-feed or curing for forage than Sweet Corn. Cattle highly relish it and keep in fine condition when fed upon it. Dairy cows who receive a regular ration of corn-fodder give an abundance of milk. 10 lbs. or more by freight or express at 15 cts. per lb.



Kendel's Early Giant

SWEET CORN

MEDIUM EARLY VARIETIES

Bantam Evergreen. (70 days) Bantam Evergreen is the result of a cross between Golden Bantam and Stowell's Evergreen. It has inherited all the good qualities of both parents. It is as sweet as Golden Bantam, the same beautiful color, but in addition has an ear nearly as large as Stowell's. The kernels are deep grained, plump, a beautiful cream color at the eating stage, and have a flavor that is found in no other corn. In our local markets Bantam Evergreen is the corn in most demand, outselling all the others. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more by express at 25 cts. per lb.

Country Gentleman. (70 days) This is sometimes known as shoe-peg from the small peg-like kernels, irregularly placed on the cob. Medium sized ear, with small cob, giving great depth to the kernels. The quality of this variety is fine and is preferred by some to all others. Excellent for home use and is popular in many markets where its fine quality is known. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more at 25 cts. per lb.

LATE VARIETIES

White Evergreen. (75 days) This produces large handsome ears, well filled with deep pure white grains of delicious sweetness. Matures slightly earlier than Stowell's Evergreen, which it greatly resembles, and is very hardy. An excellent corn for home use and is a ready seller on the market. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more at 20 cts. per lb.

Stowell's Evergreen. (80 days) The old popular variety. Hardy and productive, tender and sugary, remaining a long time in a condition suitable for eating. A good sort to plant for fodder, as it makes a rank growth of heavy forage. Pkt. 10 cts., lb. 40 cts., 2 lbs. 75 cts. 10 lbs. or more by express at 20 cts. per lb.

Black Mexican. (75 days) One of the most sugary. The grains when first perfected are pure white, and at their best for table use. They then become dark, though still retaining their sweetness. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts. 10 lbs. or more at 25 cts. per lb.

POP CORN

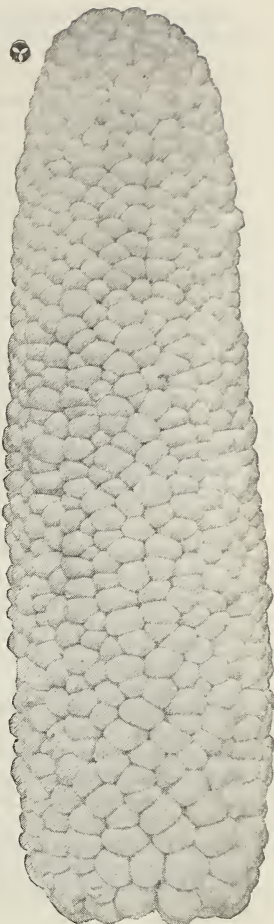
Queen's Golden. The largest pop corn. The stalk grows five to six feet high and bears two or three large ears each. The kernels are a rich yellow color but pop out pure white and over an inch in diameter. This is one of the best and most productive of pop corns. Pkt. 10 cts., lb. 30 cts., 2 lbs. 50 cts. 10 lbs. or more at 20 cts. per lb.

White Rice. A very handsome and popular variety; ears short, kernels long and pointed, resembling rice; color white. A splendid popping variety and finds a ready sale upon any market. Pkt. 10 cts., lb. 30 cts., 2 lbs. 50 cts. 10 lbs. or more at 20 cts. per lb.

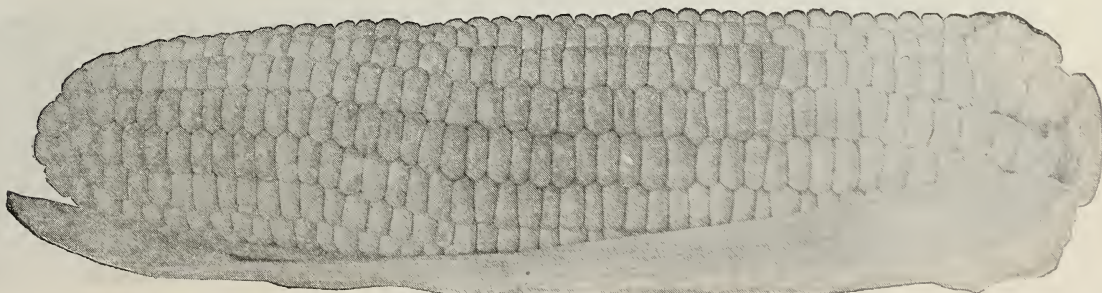
PEANUTS

CULTURE. Peanuts require light rich soil well limed. Plant in the spring as soon as the ground has become warm, in rows 30 to 36 inches apart, placing the seed 6 to 10 inches apart in the row. It is not necessary to remove the hull when planting. Keep well hoed. When matured pull and hang up to dry.

Valencia. A very desirable and productive Spanish bush type. Mild and sweet flavored, bearing three or four peas in each hull. Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts.



Country Gentleman



Bantam Evergreen

FIELD CORN

Prices for one pound and two pounds are postage paid; if ordered by express deduct 10 cts. per pound.

Ten to twelve pounds of seed are required to plant one acre in hills. For silage thirty to thirty-five pounds are required.

All varieties. Lb. 25 cts., 2 lbs. 40 cts. By express or freight 10 lbs. or over at 6½ cts. per pound.

Corn is king of all the cereals. Upon this crop is dependent much of the wealth and prosperity of the country. Statistics show that the average yield of corn in the United States is less than thirty bushels per acre. While weather conditions play an important part in the yield of any crop, the poor showing made in corn is largely due to carelessness in the seed planted. Many farmers pay no attention to the quality or germinative power of seed they use. By planting selected seed, known by test to be of high germination, much of this loss could be prevented and the yields greatly increased. Northern grown corn has long held the reputation of being superior to all others for seed purposes. It is more hardy and ripens earlier. Our seed corn is all Northern Ohio grown along the shores of Lake Erie. It is hardy productive stock, tested for germination before it leaves our hands. To aid in handling and shipping, we supply all corn shelled ready for the planter.

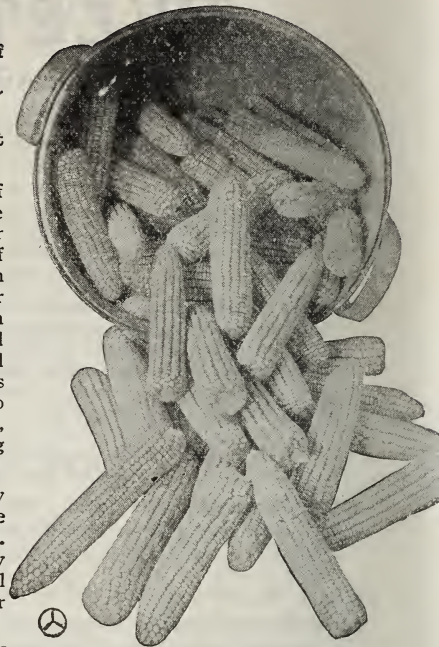
Drought-Proof Yellow. (90-100 days) This variety resists dry weather and scorching heat better than any other sort. It is a large grained Dent, earlier than Leaming. Grain is a bright golden yellow. Stalks are strong and heavy, bearing large well shaped ears. Heavy producer, being exceeded by no other in yield per acre. The beautiful deep grains, large handsome ears, and the abundance of fodder make it a variety to be desired for general use.

Improved Leaming. (100 days) One of the most desirable varieties of standard yellow corn. Being a medium early sort it will mature farther north than many varieties and is adapted to all but the most northern parts of the corn belt. The ears are large, of good shape, and well filled with deep grains. This variety is excellent for fodder or silage as the tall stalks are well filled with foliage.

Pride of the North. (80-85 days) This is the earliest of all the yellow Dents and the most dependable for maturing a crop. An ideal corn for the northern section. The ears are of fair size with extra small cob, will produce as much shelled corn to the acre as most of the large eared varieties.

Reid's Yellow Dent. (100 days) This is without doubt the most popular variety of corn grown in this country. The large ears, eight to eleven inches long, have eighteen to twenty rows of closely set kernels upon a very small cob. The color is a rich deep yellow, with the cap of kernel slightly lighter, kernels dented.

White Cap Yellow Dent. (85-95 days) We have an excellent strain of this popular variety which is one of the most satisfactory sorts to raise. Succeeds on almost any kind of ground and is a heavy yielder. Ears are good sized and deep grained. The kernels are a beautiful lemon yellow with a well dented white cap.



White Cap Yellow Dent

ENSILAGE CORN

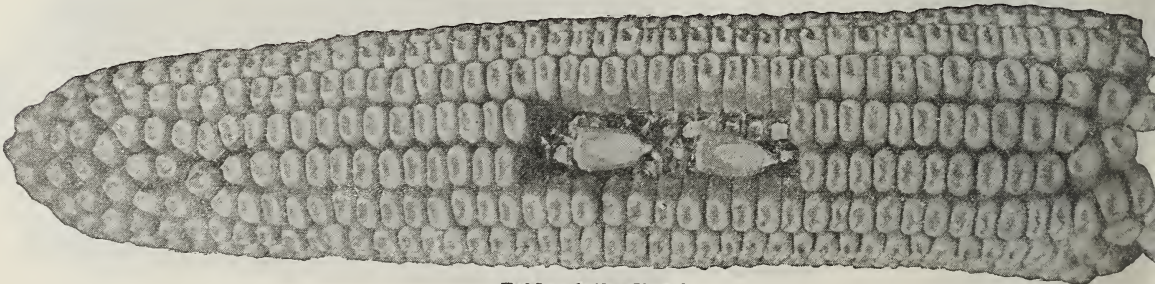
Cuban Giant Ensilage. (120 days) Where a heavy growth for ensilage purposes is desired, we believe we offer in Cuban Giant the ideal variety. Makes an enormous growth, stalks tall and plenty of forage. The grains are pure white, broad and long, of good vitality. A good milk producer, sweet and tender. Lb. 25 cts., 2 lbs. 40 cts. 10 lbs. or more by express at 6½ cts. per lb.

CRESS or PEPPER GRASS

Extra Curled. Extensively used as a small salad with lettuce. The leaves while young have a warm pungent taste. Sow rather thick in shallow drills, and at short intervals during the season. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts.

CRESS—WATER

Erfurt. Hardy perennial aquatic plant, growing along streams and ponds. Sow seed at edge of water, covering lightly, may also be sown in tubs. Pkt. 10 cts., oz. 50 cts.



Pride of the North

CUCUMBERS

Cucumbers succeed best in rich loamy soil. As soon as the weather becomes warm and settled, plant in hills four to six feet apart each way, with 10 to 12 seeds in a hill; cover one-half inch deep. Air slaked lime or "Slug Shot" sprinkled on the plants every few days as soon as they are up will protect them from the striped beetle. When all danger from insects is past, thin out plants, leaving three or four of the strongest to each hill. The fruit should be picked when large enough, otherwise it destroys their productiveness. *One ounce to 50 hills. 2 to 3 lbs. per acre.*



Klondike

Arlington White Spine. (55 days) This strain of White Spine has been much improved by careful selection and is much superior to the old sort. It is a rich green in color and is very productive. Arlington is one of the best varieties for forcing, also equally good for outdoor planting. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Cool and Crisp. (65 days) Fruits are straight, long, even and slim, and of a healthy dark green color. Very productive, and by reason of its uniform shape, makes one of the best pickling sorts, also excellent for slicing. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Davis Perfect. (50 days) A first-class variety for forcing under glass; also for outdoor culture. The color is a dark glossy green, long, slim in shape. It is tender and of exceptionally good flavor. For shipping is unsurpassed. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Everbearing. (65 days) Everbearing is one of the best pickling varieties we offer. The young fruit is symmetrical, deep in color and crisp. It is of medium size and makes a fine pickle. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Early Cluster. (50 days) Vines vigorous, producing the crop near the roots and in clusters. Fruits short, early and of good shape for pickling. Very prolific. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Early Fortune. (52 days) (See back cover.) For a good all-round cucumber this distinctive variety is the finest yet introduced. The rich dark green fruits when matured at the slicing stage average $7\frac{1}{2}$ to 8 inches in length and retain their color for a remarkably long time. The flesh is firm, with a small seed cavity, making it a good shipping and market sort. As a pickling sort it is equally as good, producing an enormous quantity of uniform well-shaped pickles. The vine growth is very vigorous and the leaves, which are larger than those of other sorts, are very resistant to disease. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

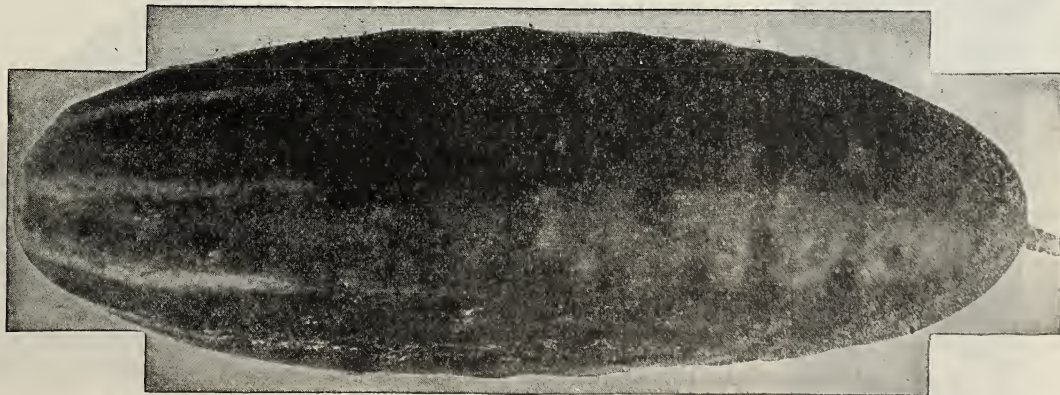
Improved Chicago Pickling. (68 days) Very popular with the market gardeners. Fruit is of medium length, pointed at each end with large and prominent spines, color deep green. It is an extremely prolific variety and is one of the best for those who want crisp, coarsely spined pickles. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Improved Long Green. (65 days) This is a popular variety that is extensively grown both for slicing and pickling. Of excellent quality, dark green, firm and crisp. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Klondike. (60 days) This is an extra choice strain of the White Spine type, with very dark green skin. They are large, uniform in size and attractive in appearance. Popular in the south for early northern shipments. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Lemon Cucumber. (55 days) New and entirely different type of cucumber. Shaped and colored like a lemon with fine flavor. For slicing and salads they excel, having none of that bitter taste so often found in cucumbers. May be eaten green, but is at its best just as it is turning yellow. Makes excellent pickles. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

West India Gherkin. Grown exclusively for pickles. Oval in shape, grows from two to three inches long and is thickly studded with heavy spines. If picked when young and tender they make an excellent pickle. Seed is slow to germinate and the vines do not make as heavy growth as cucumbers. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.



Davis Perfect



DANDELION

CULTURE. (55 days) Sow early in the spring in warm, rich soil, in drills 18 inches apart; thin the young plants to five inches in the rows and cultivate well; they will be fit for cutting the next spring. When grown for the roots, sow in September and cultivate well during the fall and the following summer; they will be fit to dig in October. Our seed is from carefully selected thick-leaved stocks, much superior to our ordinary wild dandelion. Pkt. 10 cts., oz. 50 cts.

EGG PLANT

CULTURE. Sow in hot bed early in spring; transplant two and one-half feet apart each way after weather becomes settled and warm. If no hot bed is at hand plants may be started in pots or boxes. The potato beetle is very fond of the plants. Paris green applied same as to potatoes, will keep them in check. One ounce to 1000 plants.

Black Beauty. (140 days) The fruits are broad and thick, of attractive form, and of the finest flavor. The skin is a rich purplish black. It is entirely free from spines or thorns. They are ready to market early. Pkt. 10 cts., oz. 70 cts., $\frac{1}{4}$ lb. \$2.00.

Improved Large Purple. (125 days) Fruit remarkably large, often measuring 12 inches in depth and 9 inches in diameter, weighing five to six pounds; skin deep purple with occasional stripes of green about the stem. Pkt. 10 cts., oz. 70 cts., $\frac{1}{4}$ lb. \$2.00.

ENDIVE

A fall and winter salad. For early use sow in April; for late or main crop, in June or July, in drills 14 inches apart; when two or three inches high, thin to one foot apart in the drills. When fully grown they should be blanched; this can be done by gathering up the leaves and tying them together at the tips or lay boards over them, keeping them flat.

Large Green Curled. (40 days) A hardy variety, broad leaves, blanches white. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

White Curled. (35 days) Leaves pale green, mid-rib yellow. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

Broad Leaved Batavian. (Escarolle.) (45 days) This is a broad thick-leaved variety, highly appreciated by all as a splendid salad. Good for cooking like Kale or Mustard. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts.



KALE or BORECOLE

CULTURE. Kale is one of the hardiest of "Greens" belonging to the Cabbage family. Sow either in rows or broadcast, for summer and fall use the seed should be sown in the early spring, or may be sown in August or September for Spring use. One to two pounds to an acre.

Dwarf Green Curled. (55 days) This is the most popular variety of Kale, dwarf and very hardy. Splendidly curled leaves, excellent flavored. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts.

KOHL RABI

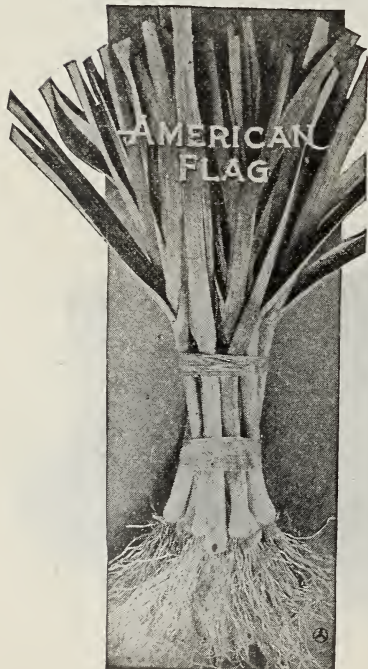
CULTURE. The seed should be sown in the Spring three-fourths of an inch deep in drills two feet apart. When the plants are a few inches high thin to fifteen inches apart. Two pounds of seed for one acre.

Early White Vienna. (50 days) Dwarf, small, early; bulb handsome, firm, glossy white; the best variety for the table, but should be used when young. All varieties are tough and stringy when overgrown. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Purple Vienna. (70 days) A fine purple type, later than above, but much liked for late use. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

LEEK

American Flag. (70 days) Sow early in the spring in drills one inch deep and one foot apart. When six or eight inches high transplant in rows 13 inches apart and five inches between the plants, as deep as possible, that the neck may be blanched. One ounce to 150 feet drilled. Pkt. 5 cts., oz. 20 cts.



Kohl Rabi

LETTUCE

CULTURE. Lettuce seed should be covered very shallow to secure germination, especially the black seeded if sown under glass or in the house. For early spring use sow in September and protect through the winter in cold frames the same as cabbages, or sow in hot beds in March and transplant to open ground as soon as it can be worked. For late supplies sow in the open ground as soon as the season will permit, in rows one foot apart; thin out plants one foot apart in rows. If sown every two or three weeks to the middle of August, it may be had in perfection the entire season. *One ounce will sow 125 feet of drill and produce 3000 plants.* The varieties marked thus * are black seeded.

Big Boston. (45 days) The most popular variety for every purpose on the market. Gives equally good results under glass or in the open. Of the head types it is easily the leader. Leaves are light green and very tender. Our strain of this variety is unsurpassed. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

***Black Seeded Simpson. (40 days)** The leaves are thin, tender, and of a light green color; very early. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

California Cream Butter. (42 days) A very popular variety of head lettuce. Forms a large head of a rich buttery flavor. Leaves are thick, the outer ones green, slightly tinged with brown. An easy sort to grow and a fine shipping sort. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

Denver Market. (45 days) An early lettuce for forcing or open ground culture. The leaves are beautifully curled and crimped. Crisp, tender and of excellent flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Early Prize Head. (50 days) Color bright green, tinged with brownish red. It is of superb flavor, tender and hardy. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

***Grand Rapids. (38 days)** As a forcing variety for winter and early spring use this stands at the head of the list. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Improved Hanson. (45 days) Heads large, fine form, deliciously sweet, tender and crisp, color green outside and white within. Intermediate between the loose-leaved and heading varieties. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

May King. (42 days) A large light green heading lettuce which is giving excellent satisfaction. Grown outdoors it is extremely early, maturing handsome heads of good size and unsurpassed in quality and solid enough to make

it a good shipper to distant markets. For forcing under glass it is most desirable. A first-class all purpose variety. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

New York. (55 days) A variety of summer lettuce that is very slow to run to seed. It forms large heads. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

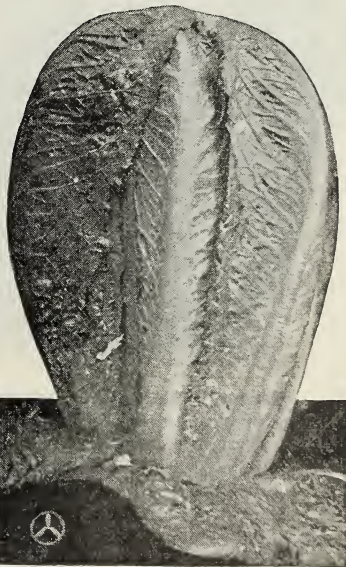
White Self-Closing Cos. (55 days) Of all celery or Cos lettuce this is the leader. Beautiful light colored outer leaves, centers blanching to a pure white, very tender and of delicious flavor. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



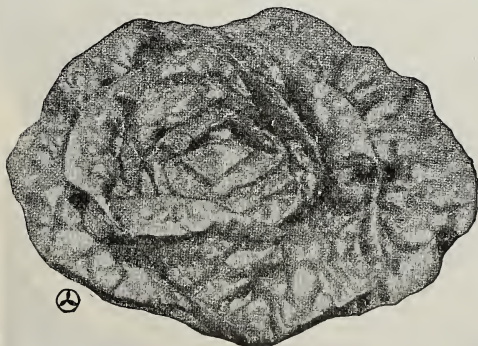
BIG BOSTON



Grand Rapids



Cos Lettuce



May King

MUSK MELON

CULTURE. Melons should be grown in rich soil. Sow ten to fifteen seeds to each hill, which should be six feet apart each way. When well started thin out to three or four plants, leaving the strongest. *One ounce will sow or plant fifty hills, two or three pounds to the acre.*

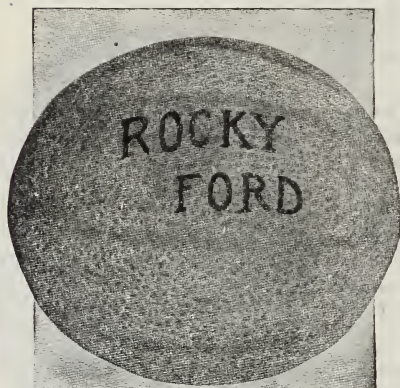
Banana. (85 days) Makes a long banana-like growth, very fragrant and of delicious flavor. Excellent for the home garden. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.00.

Burrell's Gem. (75 days) Well ribbed and covered with a fine grayish netting. The skin is a rich dark green, contrasting finely with the deep orange-salmon colored flesh, sweet and tender. The flesh is thick and firm, ripening close to the skin. Holds up well when shipped and is a good sort for any market demanding the Gem type. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Early Hackensack. (60 days) This is an extra early, large, and productive variety. The fruits are deeply netted, flesh light green; of most excellent quality. On account of its earliness this melon is recommended for sections with a short season. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Emerald Gem. (80 days) A very popular variety with both home and market gardeners. The stem is a dark emerald green, with lighter stripes. Flesh very thick, of a dark salmon color. This variety is considered by many to be very best of all musk melons. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Fordhook. (70 days) The flesh is very firm, salmon in color, and very highly flavored. Seed cavity exceptionally small, produces few seeds. Fordhook bears early and continuously throughout the season, until the vines are cut down by frost. Thick fleshed and heavily ribbed, making it a good sort for shipping or home use. The fruits are medium in size, weighing about two pounds each. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.



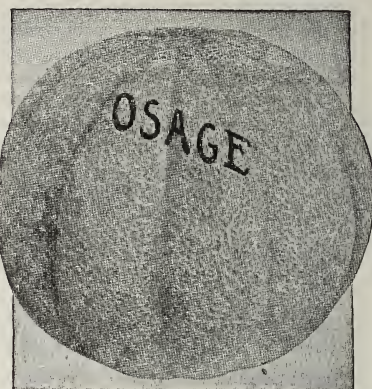
Hoodoo. (70 days) This is one of the newer varieties. Flesh orange color, and of the finest flavor; fruits finely netted with very thin hard rind and very firm flesh. Vines are exceedingly productive. A splendid shipping variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Honey Dew. (Casaba.) (120 days) This is the melon that has been in so much demand, has brought fancy prices in the markets, and is a valuable addition to the melon family. They are nearly round in shape, with a hard, firm rind that enables them to be safely shipped any distance. When ripe the skin is nearly pure white in color, very smooth and entirely free from netting. The flavor is unlike that of any other melon and is sweet as honey. Our seed is the original strain grown in the famous melon district at Rocky Ford, and from fields devoted exclusively to the production of seed. To be grown to perfection, Honey Dew requires rich warm soil and a fairly long growing season. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

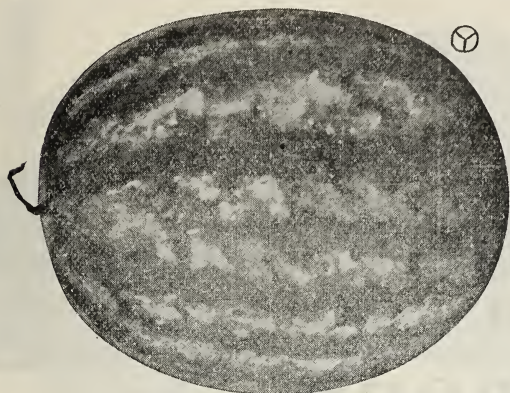
Osage. (75 days) Of uniform quality, sweet and delicious. The skin is thin, dark green and slightly netted. The flesh is deep salmon and of a spicy flavor. A remarkably good keeper and largely planted for commercial and home use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Rocky Ford. (70 days) Flesh greenish white in color, very juicy and rich and good clear to the rind. It is medium in size, of round, oval form and a most excellent keeper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Tip Top. (80 days) This very productive melon is of medium to large size, nearly round, slightly ribbed and fairly well covered with shallow netting. The flesh is deep yellow in color and of excellent quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.



Honey Dew



Harris' Earliest

WATER MELON

CULTURE. Plant in hills eight feet apart each way, using a shovelful of well rotted manure in each hill, thin to six plants to hill; after all danger of bugs is past, further thin to four plants. Bugs may be checked and some cases entirely prevented by applications of "Slug Shot," or air slaked lime dusted over and around the young plants. *One ounce plants 30 to 40 hills or four pounds for one acre.*

*White seeded varieties.

Citron. (100 days) Red seeded. For. preserving. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

Cole's Early. (65 days) A choice melon for the home garden. The flesh is bright red, crisp, sweet and of fine flavor, of medium size, but solid, with thin rind. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

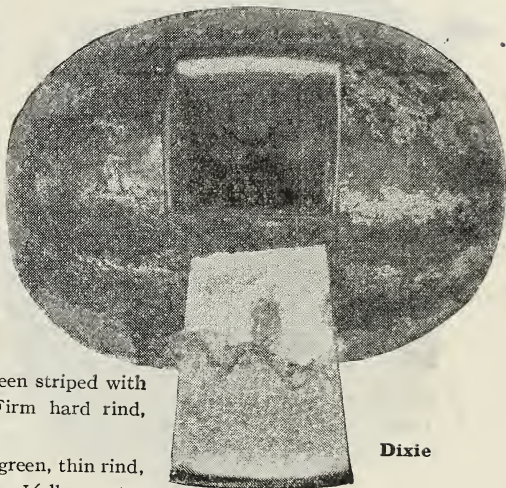
Dixie. (85 days) An early variety; as a shipper and keeper is unexcelled. The flesh is of bright scarlet, of the finest quality. The melons are dark green, beautifully striped, oblong in shape. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Fordhook Early. (60 days) An extra early melon of fine flavor and large size. Color a uniform medium green. Flesh bright red and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

***Halbert Honey. (75 days)** The vines are of strong vigorous growth and set fruits very freely, four or five large melons are frequently clustered closely together. They are 18 to 20 inches long and are full and round at both ends. The skin is a dark glossy green and the flesh a beautiful crimson. It is an excellent nearby market melon as well as for home use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Harris' Earliest. (60 days) In this melon we offer the best variety for northern latitudes. It is the largest and sweetest of all the early melons. Oval to oblong in shape, flesh bright red and tender, very sweet and delicious. The fruits are green striped with gray, and attain a weight of twenty to thirty pounds. Firm hard rind, shipping well. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Ice Cream. (85 days) Medium size, nearly round, color pale green, thin rind, flesh solid, scarlet, of delicious flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

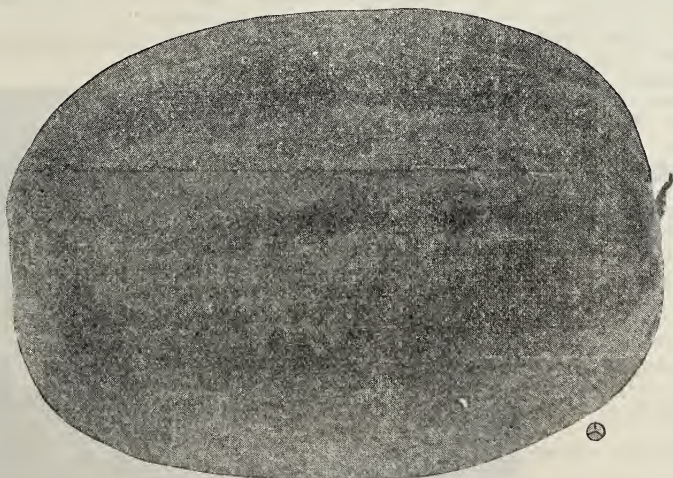


Dixie

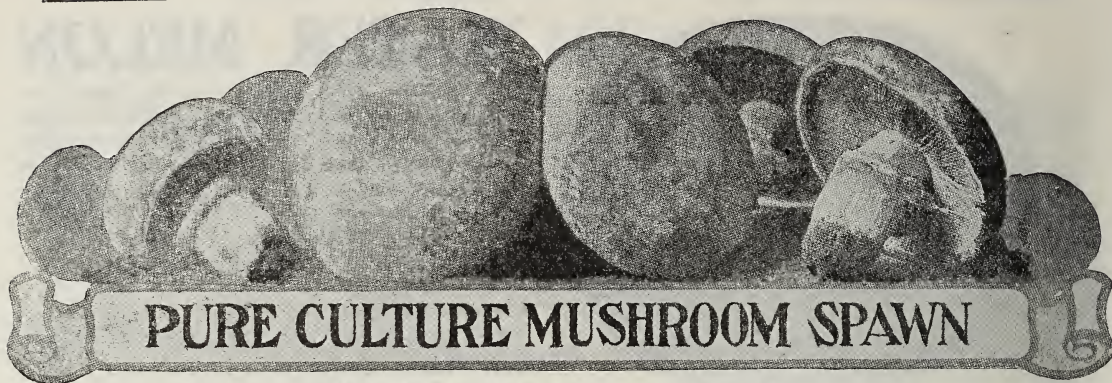
***Kleckley's Sweet. (70 days)** The skin is a rich, dark green, the flesh bright scarlet, ripening close to the rind. They have a large solid heart. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Sweet Heart. (90 days) Fruit large, oval, mottled light and dark green. Flesh bright red, solid, tender and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

The Watson. (90 days) This is absolutely the very best melon introduced to date. Perfect in shape, rind is dark glossy green, very tough and thin, the flesh is dark red, very crisp, no strings and most delicious in taste. A splendid shipper, always commanding top prices wherever known. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.



Sweet Heart



MUSHROOMS

Mushrooms are considered a great delicacy by everyone and are always in much demand at fancy prices. Many are devoting their spare time to mushroom culture and are getting big returns for their labor. Nearly everyone has some unused place that might be devoted to mushroom growing. They can be grown in dark rooms, caves, cellars or under greenhouse benches, where the temperature can be maintained at from 50 to 60 degrees.

We furnish with each order a leaflet giving complete cultural directions. One brick is required for ten square feet of bed.

Lambert's Pure Culture Spawn. A new departure in the cultivation of mushroom spawn. This method insures the reproduction of a certain type, free from all inferior sorts, that will largely increase the yield and produce the very best mushrooms. 45 cts. per brick, 2 for 80 cts. By express, 5 bricks for \$1.25, 10 bricks or over at 20 cts. per brick.

MUSTARD

CULTURE. For early salads sow in a medium hot bed in March, and for general crop at intervals through the spring, in rows six to eight inches apart, and rather thickly in the rows. Cut it when four inches high.

Southern Giant Curled. (50 days) This is very highly esteemed in the South, where the seed is sown in the fall, and the plants used very early in the spring as a salad. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.

Fordhook Fancy. (50 days) This is the finest of all mustard, curled like an ostrich plume. In fact it is sold sometimes under the name of "Ostrich Plume," splendid flavor, can be cooked any time of the year just like spinach and by many is considered far superior. Pkt. 5 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50.

OKRA

CULTURE. Seed should be soaked before planting to insure quick and even germination, sow in rows 2 to 3 ft. apart and thin to 12 to 18 inches in the row. Gather pods when young. It is delicious in soups.

White Velvet. (50 days) A very popular variety producing long, smooth white pods of excellent flavor, very prolific. Pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. \$1.00.

Perkins Mammoth Pod. (60 days) A new variety having enormous ridged pods, light green in color, very early and prolific. Pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. \$1.00.

ONION SETS

The chief value of onion sets lie in the quickness of their being ready for the table. For green onions much time can be gained by their use.

CULTURE. Onion sets should be planted out as early as the ground is dry enough to work; plant them in rows one foot apart with sets three or four inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July. *Plant 300 to 500 pounds to the acre.* Price subject to market changes. Write for quotations on large quantities.

Yellow. Lb. 30 cts. 10 lbs. or over by express at 16 cts. per lb.

White. Lb. 35 cts. 10 lbs. or over by express at 20 cts. per lb.

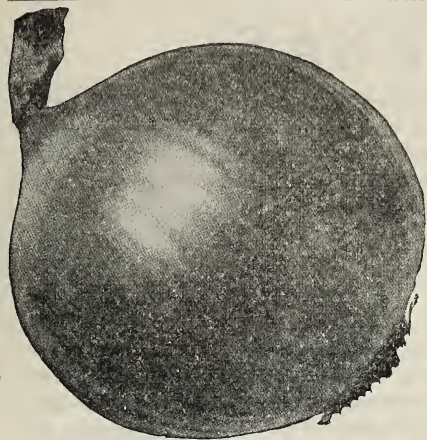


Onion Sets



Southern
Giant
Curled

ONIONS



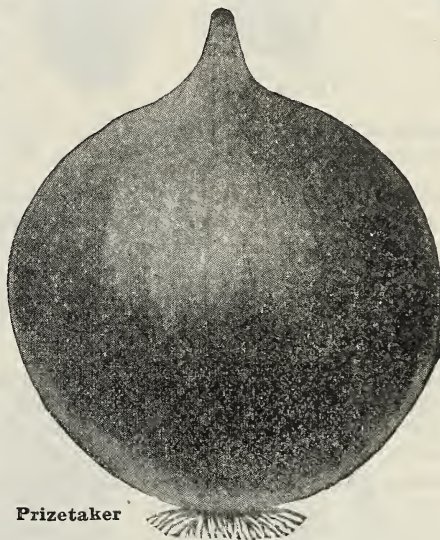
Ohio Yellow Globe

Ohio Yellow Globe. (120 days) The strain of onions known as Ohio Yellow Globe was developed here in Lake County. It is the finest yellow commercial Onion that is grown. **Ohio Yellow Globe Onions** are of good size, the true globe shape, absolutely free from any neck. This variety makes a solid bulb and is one of the best of keepers. Our strain is the true Lake County type and is very popular with the large Onion growers. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00, 5 lbs. or more (not prepaid) at \$2.50 per lb.

Large Red Wethersfield. (100 days) This is a standard variety in the East. Makes a large sized flat onion, deep purplish red in color. The flesh is a purplish white, moderately fine grained and strongly flavored. For markets demanding a red onion this is the variety to grow, as it matures early and is productive. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00, 5 lbs. or more (not prepaid) at \$2.50 per lb.

Mammoth Silver King. (80 days) A large, sweet, white Italian variety. On account of its extreme mildness it is one of the best for salads and eating raw. To produce the largest onions transplant into rich soil when the young seedlings are three or four inches high. It matures early, is of a large size flat but thick. The skin is a beautiful silvery white. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Prize Taker. (100 days) Although a very large onion, it is hardy and a fair keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. They bottom



Prize Taker

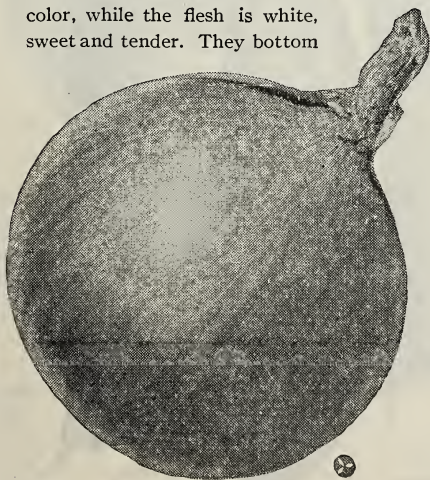
well, are free from stiffnecks. It is very productive. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Southport Red Globe. (110 days) This is a handsome globe shaped variety, and deserving of general cultivation. It matures quite early, grows to a large size and is very productive; skin deep red; flesh fine grained. We offer a fine strain from selected bulbs. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00. By express, 5 lbs. or more at \$2.50 per lb.

Southport White Globe. (120 days) A handsome onion of beautiful shape, clear, white skin, and commands the highest market price. To retain the white color they should be cured in the shade. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

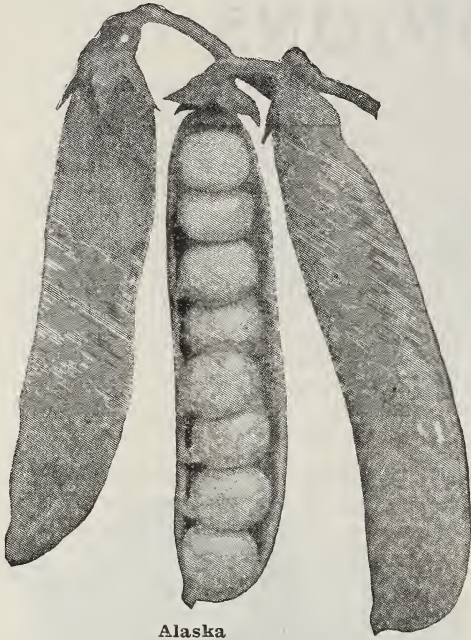
Southport Yellow Globe. (110 days) A bright yellow globe onion with mild flavor, productive and a good keeper. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

White Silverskin. (95 days) This is a small silvery white onion. Just the right size for pickling whole for which it is used almost entirely. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



Southport Red Globe

PEAS



Alaska

CULTURE. Peas mature earliest in a light, rich soil; for general crop a moderately heavy soil is best. Commence sowing early varieties as soon as ground can be worked, continue for a succession every two weeks until June. Sow the early, second early and late varieties at the same time for a succession. *One pound for fifty feet of drill; 110-175 pounds for an acre.* The wrinkled varieties are more susceptible to cold, wet weather than the small round, hard sorts, hence should not be planted very early except in warm dry locations.

In comparing prices, please bear in mind that our prices are postage paid by us, on pounds and two pounds, and if ordered by express, purchasers may deduct ten cents per pound from prices named. 10 lb. rate is by express or freight, purchasers paying charges.

EXTRA EARLY SORTS

Alaska. (45 days) An extra early hardy pea. Pods of perfect shape, well filled with smooth peas of unrivalled quality. Seed blue, height $2\frac{1}{2}$ feet. Pkt. 15 cts., lb. 40 cts., 2 lbs. 70 cts. By express, 10 lbs. or more at 25 cts. per pound.

American Wonder. (55 days) An early wrinkled pea, growing from 9 to 12 inches high, and producing well filled pods of the finest flavor. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts.

Blue Bantam. (55 days) The dwarf, vigorous vines average fifteen inches in height and carry enormous crops of large deep bluish green pods. The handsome pointed pods, usually borne singly, measure four to four and one-half inches long and are tightly packed with eight to ten extra large luscious peas. This variety is considered by all who have tried it as being not only the most prolific but one of the best flavored dwarf peas that we offer. Pkt. 15 cts., lb. 55 cts., 2 lbs. \$1.00.

First and Best. (50 days) Pods well filled with round, smooth peas of excellent flavor. Extremely early, productive and hardy. Height $2\frac{1}{2}$ feet. Pkt. 15 cts., lb. 40 cts., 2 lbs. 70 cts.

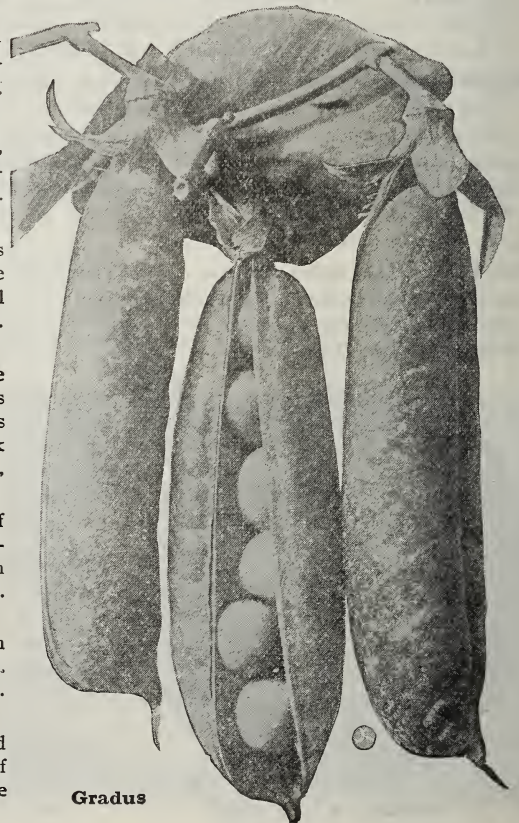
Gradus. (55 days) An early wrinkled pea, which is very hardy and can be planted extremely early. The vine grows about $2\frac{1}{2}$ feet high. Pods large and well filled with good sized peas. One of the earliest. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts.

Little Marvel. (53 days) This variety has become one of the standard sorts for an extra early pea. It is especially popular with market gardeners because of its extreme earliness and productiveness. The large dark green pods are usually borne in pairs. Very dwarf, vines growing only 15 to 18 inches high. Pkt. 15 cts.

Nott's Excelsior. (52 days) This excellent dwarf wrinkled extra early pea is robust and vigorous and produces in profusion handsome pods, closely packed with large peas of fine flavor. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts.

Premium Gem. (55 days) Grows about 15 inches high and is among the earliest dwarf, green wrinkled sorts. The quality is unsurpassed; an abundant bearer. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts.

Thomas Laxton. (50 days) One of the largest podded of the dwarf peas. Matures with the earliest and is of a delicious flavor. A grand pea for early market or home use. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts.



Gradus

PEAS

SECOND OR MEDIUM EARLY SORTS

Dwarf Telephone or Daisy. (65 days) A medium late pea of dwarf, stocky habit, healthy vigorous growth, and productive, bearing large, handsome pods and peas of highest quality. Pkt. 15 cts., lb. 50 cts., 2 lb. 90 cts.

Horsford's Market Garden. (60 days) A grand wrinkled sort and a prolific bearer. Pods of medium size; peas of a delicious sweet flavor. Two feet high. Pkt. 15 cts., lb. 40 cts., 2 lbs. 70 cts. 10 lbs. or over by express at 25 cts. per lb.

Roger's Dwarf Champion. (65 days) This new pea is one of the finest sorts we have ever tried. Vines make a healthy dark green growth and are well loaded with pods. The peas which are borne crowded in medium sized pods are of the highest quality, possessing the rich flavor of the Champion of England. The growth is very dwarf requiring no support. Pkt. 15 cts.

LATE OR MAIN CROP

Alderman. (72 days) This is an English variety very similar to improved Telephone. Pods are darker than Telephone and borne in great clusters; one of the very best late sorts. Splendid flavor and large peas. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts.

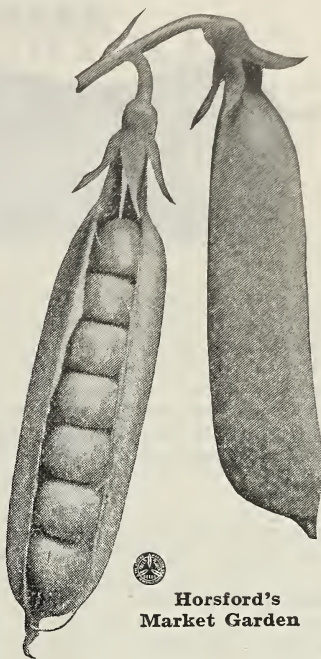
Champion of England. (75 days) One of the richest and best flavored peas grown; height three to four feet, seed wrinkled, whitish green and much shriveled. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts.

Improved Stratagem. (68 days) One of the finest dwarf wrinkled peas. Their quality is unsurpassed, vines grow to a height of 18 or 20 inches, do not require sticking and are loaded with pods that are crowded with immense dark green peas. Pkt. 15 cts., lb. 50 cts.

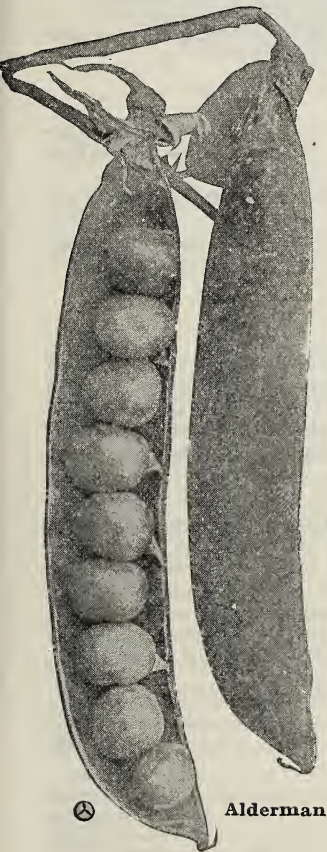
Telephone. (70 days) One of the finest tall wrinkled marrows yet introduced. Vine strong, producing abundantly. The pods are of large size and filled with large delicious peas. Height three to four feet. Pkt. 15 cts., lb. 50 cts., 2 lbs. 90 cts.

FIELD PEAS

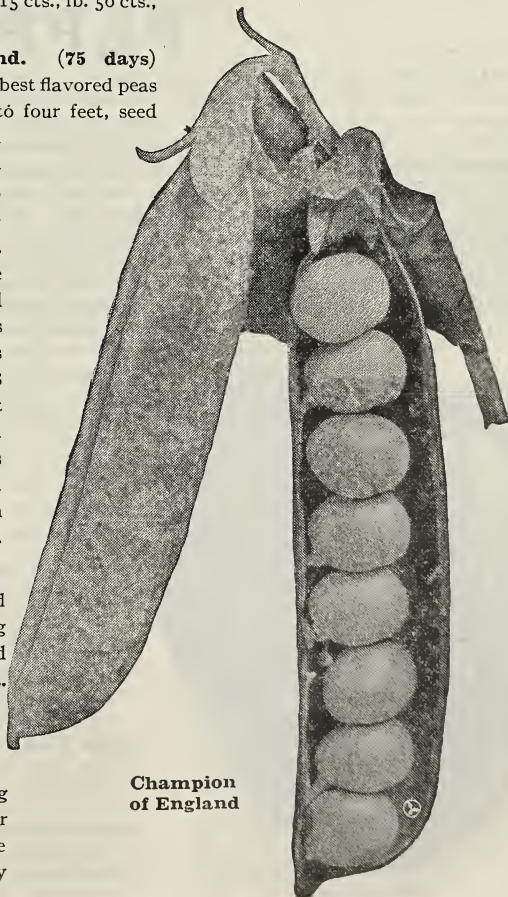
Canada Field. (White Seeded.) Valuable for soiling purposes. Sow at the rate of two to three bushels per acre; also sow with oats for green feed; are now quite extensively used for this purpose. 10 lbs. or over by express at 10 cts. per lb.



**Horsford's
Market Garden**



Alderman



**Champion
of England**

PARSNIP



Hollow Crown Parsnip

For a Winter and Spring vegetable, Parsnips are both appetizing and healthful. Of the many varieties grown we have selected the one we offer as best for every purpose.

CULTURE. *One ounce will sow 200 feet of drill; five pounds for one acre.* Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. When well up thin out to five or six inches apart in the rows. Unlike carrots they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

Hollow Crown or Long Smooth. (85 days) Roots oblong, ending somewhat abruptly with a tap root; best variety for general use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

PARSLEY

One ounce to 150 feet of drill. Sow in drills one foot apart, in rich, mellow soil; soak the seed 12 hours before sowing, which should be done in early spring, as they are very slow to germinate. When one or two inches high thin out the plants to six inches apart in the rows. Used as a garnish for table, also in soups.

Champion Moss Curled. (65 days) A compact growing finely cut and beautifully curled variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25

Hamburg. (100 days) (Turnip rooted.) The root is the edible portion and is extensively used for flavoring soups, etc. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

PEPPERS

CULTURE. Sow in a hot bed in April and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows 18 inches apart. They may also be sown in the open ground when the danger of frost is past and the soil is warm and weather settled. Thorough and frequent cultivation should be kept up until frost, by this means you can have a continuous crop. *One ounce will produce 2,000 plants.*

Chinese Giant. (130 days) The largest of all the peppers and early. Grows from four to five inches across at the base and equally as long, divided into four large sections. Fruits are of a thick chunky form, very thick and meaty. Fine for stuffing and makes excellent salads. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$2.00.

Early Neapolitan. (120 days) The earliest large pepper. The strong vigorous plants are completely laden with long handsome fruits. The skin and flesh are bright red, they are thick-meated, sweet and mild. For market gardeners and pickling establishments it is of incalculable value. Pkt. 5 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Ohio Crimson. (120 days) A vigorous, upright growing plant, with large fruits, and is more productive than any other pepper on the market. They ripen earlier than any of the very large fruited sorts, and average heavier as the flesh is unusually thick. The young fruits are a beautiful green, turning red as they ripen, until when matured they are a deep crimson color. Very mild. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$2.00.

Red Cayenne. (125 days) A long slim pod, rather pointed and when ripe of a bright red color, extremely strong and pungent. Used for pickling and pepper-sauce. Pkt. 5 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

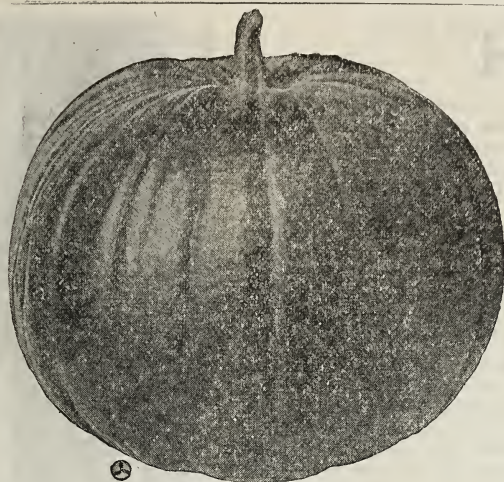
Royal King. (125 days) Royal King, we believe, is the best sweet pepper that has been produced in many years. It is an exceptionally large fruited variety, thick and meaty. The walls of Royal King are more than twice as thick as those of other sorts. The type is thoroughly fixed, producing uniform fruits both in shape and color. It is very mild—not the least pungent—perfectly sweet. The plants are unusually productive returning an enormous yield to the acre. Because of its unusual firmness Royal King makes an excellent shipping sort. Its beautiful appearance and fine quality make it in demand in all markets. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$2.00.

Ruby King. (130 days) A large and handsome variety. When ripe they are of a beautiful ruby red color, and are always remarkably mild and pleasant to the taste. Pkt. 5 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Sweet Mountain or Spanish Mammoth. (120 days) It is very large, smooth and handsome; when mature, a rich red. Flesh thick, sweet, and mild flavored. Pkt. 5 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.



Chinese Giant



• Large Yellow Field

and yellow, sweet and tender. Mammoth pumpkins may be had by growing on fertile soil and thinning to one vine to the hill. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Large Yellow Field. (90 days) A large yellow variety. The best for field culture. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25. By express 5 lbs. or more at \$1.00.

Sugar. (65 days) This is a handsome and prolific variety of small size; the skin is a deep orange yellow. It is fine grained in flesh, sweet in taste and an excellent keeper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

PUMPKINS

CULTURE. Plant in good soil when the ground has become warm, in hills eight to ten feet apart each way, or, as the general practice is with corn, in about every fourth hill. *Three pounds per acre alone or about one pound with corn.* The seeds weigh about 12 ounces to the quart. For remedy against bugs, see cucumbers.

Green Striped Cushaw. (75 days) This is one of the finest pumpkins in existence; a long crooked neck, terminating in a round or oblong end, enclosing a very small seed cavity; flesh surrounding seed cavity very thick. The neck is absolutely solid, rivaling the finest sweet potatoes for baking, or as a pie sort, it has no equal. Splendid keeper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

King of Mammoths. (Jumbo) (90 days) Largest of all the pumpkins, the fruits growing to enormous size. They often reach 24 inches in diameter, weighing from 100 to 200 pounds. Make excellent stock feed, yet the quality is the best for pies. When ripe, the skin is a rich orange color, flesh thick

MEDICINAL AND POT HERBS

Herbs in general delight in rich mellow soil. For early use sow in hot-beds in March, transplanting to the open ground when weather is suitable. May also be sown in the open ground in May in rows 12 inches apart. Cover lightly and when large enough thin out to eight to ten inches apart in the row. They should be cut on a dry day just before they come into full bloom and hung where they may dry quickly.

Balm. (*Melissa Officialis*.) The leaves which have a fragrant odor are used in making balm wine, balm tea for fevers and other culinary uses. Pkt. 5 cts.

Basil Sweet. (*Ocymum basilicum*.) Annual. The leaves and young shoots are used in highly seasoned dishes, as well as in soups, stews and sauces. Pkt. 5 cts.

Caraway. (*Carum carui*.) Biennial. Cultivated mainly for the seeds which are used in cakes, confectionery and medicine. The leaves are also used in flavoring soups. Pkt. 5 cts., oz. 15 cts.

Catnip or Cat Mint. (*Nepeta cataria*.) A hardy perennial well known as a mild nervine for infants. Sow in fall or early spring in drills 20 inches apart. Pkt. 5 cts.

Dill. (*Anethum graveoleus*.) An annual cultivated for its seeds which have an aromatic odor and warm pungent taste. They are used as a condiment, also in making dill pickles. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

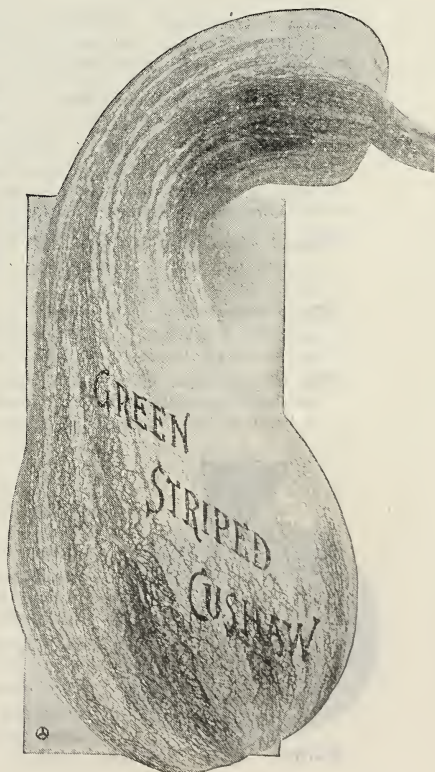
Horehound. (*Marrabium vulgare*.) A perennial herb with a strong aromatic smell and a bitter pungent taste. It is a tonic and the leaves and tops enter largely into the composition of cough syrups and lozenges. Pkt. 5 cts.

Lavender. (*Lavendula vera*.) A popular aromatic herb. The flower spikes are dried for their delightful, lasting fragrance. Sow seed thickly and early in the spring as it is slow to germinate. Pkt. 5 cts.

Sage. (*Salvia officinalis*.) The leaves and tender tops are used in seasoning dressing and sauces. A medicinal tea is also made from the dried leaves. Perennial. Pkt. 5 cts., oz. 40 cts.

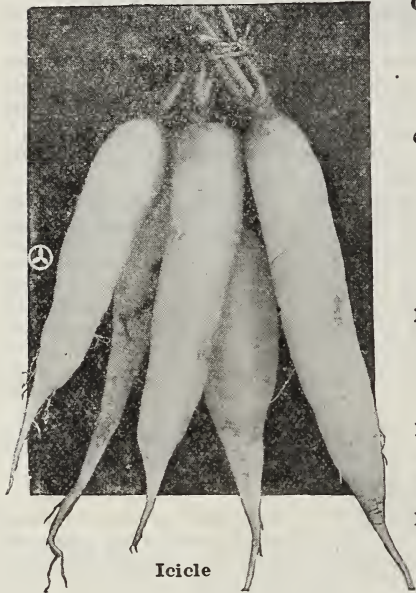
Summer Savory. (*Satureia hcrrens*.) Used principally for seasoning. Annual. Pkt. 5 cts., oz. 15 cts.

Sweet Marjoram. (*Origanum marjorana*.) Used as a relish in soups, broths and dressings. Perennial. Pkt. 5 cts., oz. 25 cts.



RADISH

CULTURE. One ounce will sow 100 feet of drill, ten pounds required for one acre. For the first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season for a succession. A warm, sandy loam, made rich and light by some good strong manure, will be most likely to afford them brittle and free from worms. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August.



Icele

Cincinnati Market. (28 days) A fine extra early variety with a long, smooth root and small top. The color is a bright red and transparent; the flesh is tender and delicious, even when full grown. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Crimson Giant. (35 days) Suitable for forcing or early planting out of doors. A remarkable feature of this radish is that it will grow larger than the other round red forcing radishes, and remain solid longer. Shape is round to oval, and very attractive. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Early Round Scarlet. (25 days) A small round, red turnip-shaped radish, with a small top, and of very quick growth. An early variety, rich color, crisp and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Early Long Scarlet. (28 days) Grows six or seven inches long, half out of the ground; is brittle and crisp; color bright scarlet, small top; one of the earliest. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. 1.50.

Early Scarlet Globe. (20 days) Fine for forcing and market gardening purposes. Shape roundish oval; large; brilliant red; flesh white, solid, crisp and mild. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Early Scarlet Olive. (20 days) This is an excellent deep red, olive shaped forcing sort, typical in its very small tops, and early maturing roots, which should be pulled just as soon as in condition. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

French Breakfast. (25 days) A splendid half-long variety of medium size, crisp and tender, of a beautiful scarlet color, with a white tip. One of the best and most popular radishes grown. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Icele. (25 days) This radish grows about four inches long, is of transparent whiteness with short leaves, and makes its growth quickly. It is of most excellent flavor and equally desirable for home use and market. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Round White Tip Scarlet. (21 days) An early variety of medium size and excellent flavor, and of handsome appearance. The best of the round varieties. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

White Strasburg. (48 days) An excellent summer variety. Pure white, firm and brittle, and of fine quality. Withstands hot weather best of any sort. Slow to become pithy. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Non Plus Ultra. (Fireball.) This is a medium sized radish, nearly round in shape. One of the best varieties we have for forcing, makes a rapid growth with moderate amount of leaves. A beautiful bright scarlet in color. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

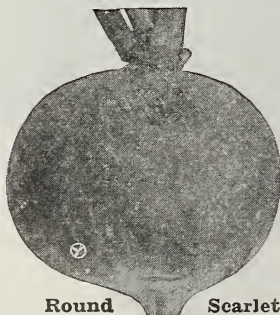
WINTER RADISHES

Winter radishes are very easily raised and keep like turnips if stored for winter use. The following varieties are the most desirable. These require from two to three months to mature.

Long Black Spanish. (72 days) One of the latest and hardiest. Roots oblong, black, of large size and firm texture. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Rose China Winter. (60 days) One of the best fall and winter varieties, a favorite with market gardeners; bright rose color, flesh white and of superior quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

California Mammoth White. (65 days) Pure white. The flesh is tender and crisp and keeps well through the winter. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



Round

Scarlet



Cincinnati Market

LONG
BLACK
SPANISH

RHUBARB or PIE PLANT

Sow in spring in seed bed, in drills two feet apart. Cultivate well during the season, and in the autumn or following spring transplant into deep rich soil, from three to four feet apart. The stalks should not be cut before the third year. For immediate use order the roots, which come into use at once.

Linnaeus. Large and tender; very finest of all. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Roots. See small fruit section of catalogue.

SALSIFY or VEGETABLE OYSTER

CULTURE. Sow the seed early in spring, in drills one foot apart and one inch deep, thinning out the young plants to four inches. The roots will be ready for use in October, when a supply should be taken up and stored in moist sand in a cool room. Those remaining will suffer no injury by being left in the ground until spring. *One ounce to 100 feet. Ten to twelve pounds are required for one acre.*

Mammoth Sandwich Island. (95 days) The largest, smoothest and the very best in every way of all salsify. Pure white, very tender and of excellent quality. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

SPINACH

CULTURE. Select very rich, well drained soil, sow in drills one foot apart and one inch deep; or it may be sown broadcast at rate of thirty pounds per acre. For spring and summer use make the first sowing early in spring and continue at intervals for two or three weeks, until the middle of June, sow in August and September for early spring use, and protect with a covering of straw during severe winter. *One ounce will sow 100 feet of drill or ten to twelve pounds to the acre.*

Round Thick Leaved. (45 days)

One of the most popular with our market gardeners; leaves large,

thick and fleshy; excellent for fall sowing, being very hardy.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Bloodsdale Savoy. (45 days) In some sections this is the best known variety. The leaves are crumpled or savoyed, hardy, standing out all winter south of the Ohio river. A very desirable market sort. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

New Zealand Spinach. (55 days) (*Tetragonia Expansa*) A strong growing summer variety. The young branches and leaves can be gathered at any time. Sow thinly in drills 15 inches apart after danger of frost is past. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

SQUASH (Summer Varieties)

One ounce to 25 hills, four feet apart each way.

Any good enriched soil is adapted to the growth of the squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm and thoroughly settled. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants to the hill. For remedy against bugs, see cucumbers.

Bush Fordhook. (55 days) In this new, true bush type the plants can be grown much more closely together. The fruits are rather shorter and thicker than those of the running type; they are also thicker fleshed and have a smaller seed cavity. An important advantage is that any fruits not needed for summer use can be left to ripen on the plants and gathered for winter use. They are unsurpassed for baking, frying, or making pies, while stored in a dry place they will keep in good condition for a long time. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Giant Summer Crookneck. (45 days) Bright yellow, a profitable sort for market, keeps bearing all summer. Plant farther apart than the other bush varieties. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Mammoth White Bush. (50 days) Of all round scallop or patty pan squashes, this is the very best; not quite as early as Early White Bush, but far superior in size and quality.

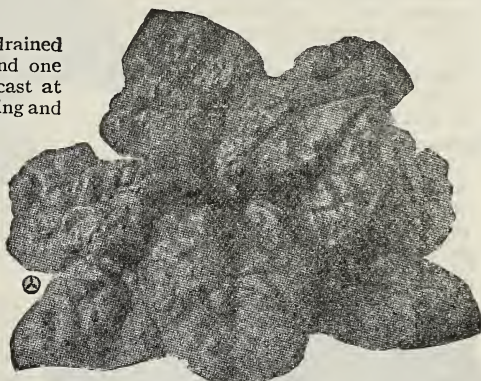
Sometimes known as vegetable marrow. Fruits round white, deeply scalloped, lobes being in pairs; very tender and delicious. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Vegetable Marrow. (50 days) Very popular with the English, and may be easily grown in this climate. Fruits are from 10 to 15 inches long, flesh pure white and richly flavored. Should be used when young and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.60.

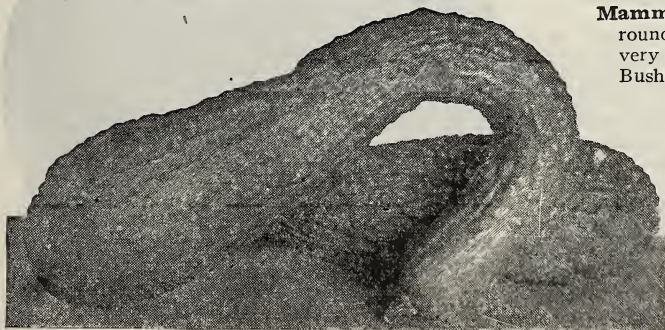
Giant Summer Crookneck



Salsify



Round Thick Leaf



WINTER SQUASH

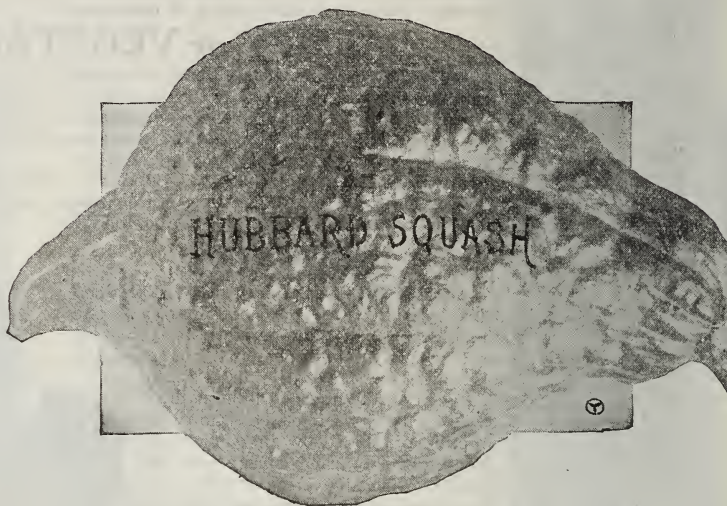
One ounce to 10 hills; two pounds per acre, eight or ten feet apart each way

If the winter varieties are not planted until the latter part of June they are more liable to escape the ravages of the borer.

Delicious. (60 days) A squash of the richest and finest quality known. It is of medium size, dark green in color and with very thick flesh which cooks dry, and is of superior flavor. Although a good fall variety it is in its best condition in the winter. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

Golden Hubbard. (65 days) The color is a deep orange, tipped green at each end. The flesh is golden yellow, of excellent flavor and cooks dry. A good keeper; also can be used early in the green state. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Hubbard. (65 days) Skin deep olive green, flesh orange yellow. Sweet, rich flavored; keeps well through the winter; boils or bakes dry. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



Delicious Squash

TOMATO

CULTURE. Sow in hot beds during March, or from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes, setting them four or five inches apart; give them plenty of air and endeavor to secure a vigorous but steady and healthy growth so that at the time of setting in the open ground they will be strong and stocky. Set out of doors as soon as danger from severe frosts is over. Seed may be sown in the open ground also at this time, and will make strong hardy plants, that will be excellent for late fruiting. *One ounce will produce 3,000 plants.*

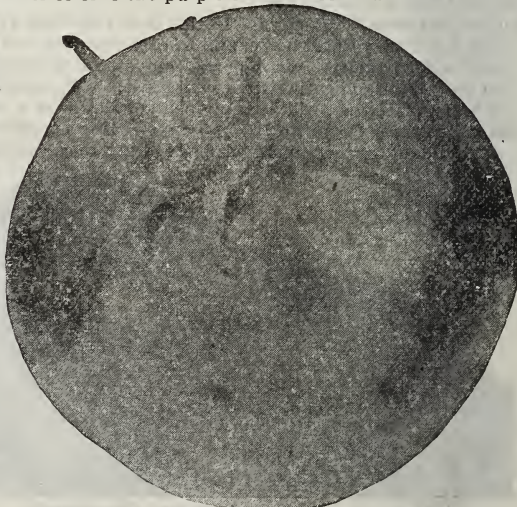
tomato for any purpose. Slices exceptionally well. Nearly globe shaped, slightly flattened at stem. Borne in clusters of 5 or 6 fruits, all ripening evenly together. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Dwarf Giant. (110 days) The largest of all the dwarf or tree tomatoes. Sometimes called Dwarf Ponderosa, which name well describes it. The fruits are large, smooth and of the finest quality. It is uniform in growth, producing an enormous crop of solid, fine flavored fruit. Its color is the purple-crimson so much desired in some markets. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Dwarf Stone. (100 days) Of stout upright and compact growth. Fruit is as large as the late Stone, and of same color, a bright red, while it is as early as the other dwarf varieties, and like them may be planted much closer. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

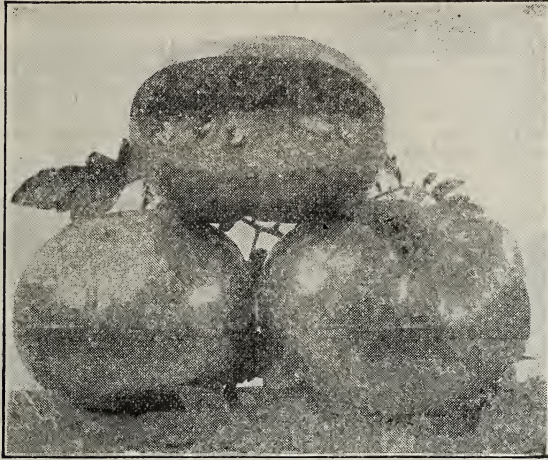
John Baer. (85 days) This new exceptionally early tomato has won much praise from all who have tried it. It is very large, free from core and of an attractive bright red color. Very prolific, one plant often having from fifty to seventy-five fruits which are borne in clusters and ripen evenly clear up to the stem, never bursts. Unexcelled for early home or market use. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

June Pink. (85 days) An early variety, similar in habit to the famous Earliana, differing only in its color, which is pink instead of red. Early, blight resisting, long and heavy yielding. An excellent shipper on account of its reasonably tough skin. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.



John Baer

TOMATO

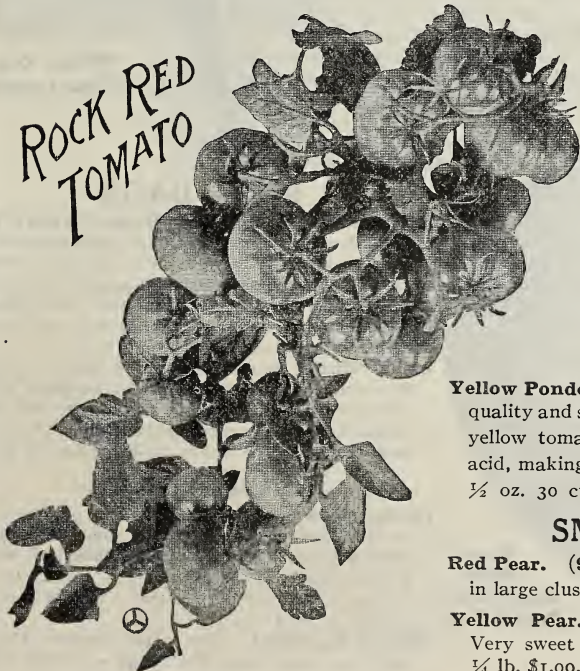


Spark's Earliana

Ponderosa. (110 days) In addition to its ponderous size, it is also very solid, there being but few seeds. In color it is a beautiful crimson throughout. Although so large it is quite early. Pkt. 5 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

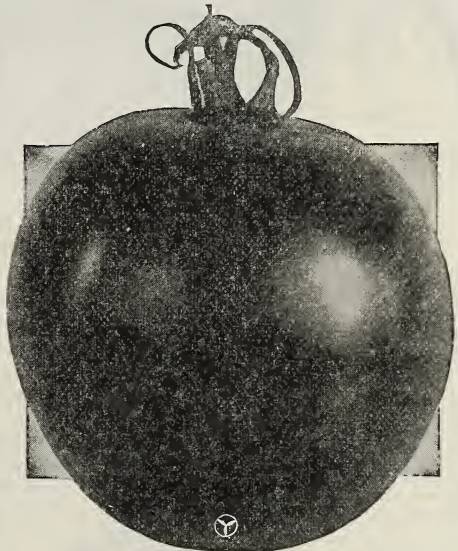
Red Rock. (115 days) In Red Rock we believe we offer the very best main crop red tomato ever offered. Very prolific, borne on strong disease resisting plants, and of excellent quality, very thick fleshed and meaty. One of the heaviest yielders. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Spark's Earliana. (85 days) Remarkable for its earliness, large size, uniform shape, attractive red color, and productiveness. The fruit is solid and the quality is all that could be desired. The leading early market variety. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



Livingston's Globe. (95 days) One of the most popular of all the sorts. Of globe shape, large size, always smooth, firm fleshed. With few seeds and ripens evenly. The color is a fine glossy rose, tinged with purple. Matures medium early and is one of the best forcing varieties that we have. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Livingston's Coreless. (110 days) All of the fruits are of marketable size. Always free from green core; ripens all over and through and right up under the stem, all at once. A grand, good slicing variety; the seed cells being surrounded by bright red, heavy, meaty and delicious flesh. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.



Livingston's Globe

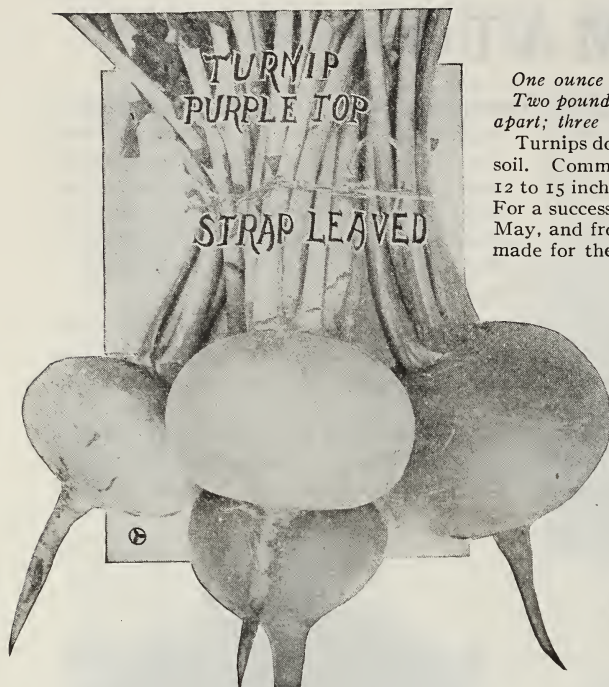
Stone. (125 days) A fine tomato for main crop, for market or canning. The fruit is perfectly smooth, of a beautiful red color and very large. It ripens evenly, and is free from rot, even in wet seasons when other sorts have rotted badly. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Yellow Ponderosa. (110 days) Identical with Ponderosa in quality and size but produces golden yellow fruits. Like other yellow tomatoes, Yellow Ponderosa is exceptionally free from acid, making it a desirable variety for home use. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

SMALL FRUITED SORTS

Red Pear. (95 days) Beautiful red pear shaped fruits borne in large clusters. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

Yellow Pear. (95 days) Fruits a clear, handsome yellow. Very sweet and free from acid. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.



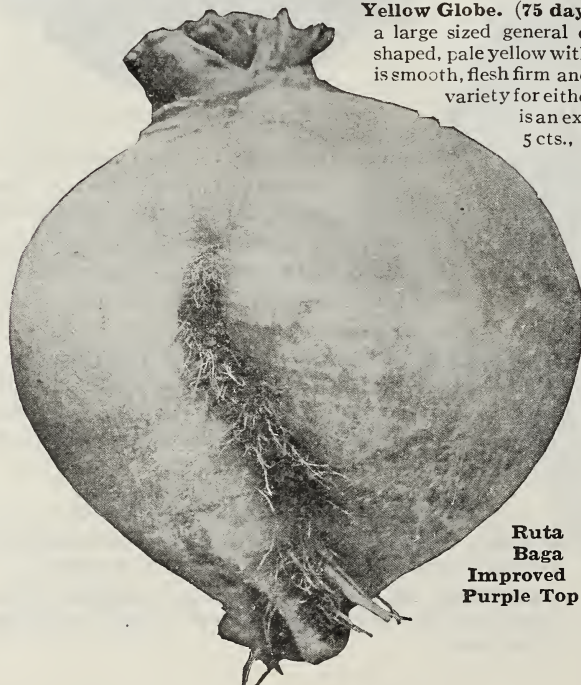
Purple Top White Globe. (70 days) This is the most popular turnip grown and is in much demand in all the markets. Of globular shape, very handsome, and of superior quality either for table or stock. It is early, of rapid growth and an excellent keeper. Flesh pure white, skin white with purple top. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

YELLOW FLESHED SORTS

Orange Jelly or Golden Ball. (70 days) A very distinct, round yellow variety. One of the finest sorts for family use. Flesh pure yellow, fine grained, sweet and tender. Does not attain a large size but is firm, hard and of most excellent flavor. Makes an ideal fall crop to store for winter use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Yellow Globe. (75 days) This is a large sized general crop turnip. Globe shaped, pale yellow with green top. The skin is smooth, flesh firm and sweet. A splendid variety for either table or stock and is an excellent keeper. Pkt.

5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.



Ruta
Baga
Improved
Purple Top

TURNIP

One ounce sows 100 feet of drill.

Two pounds per acre in drills 12 to 15 inches apart; one pound two feet apart; three pounds broadcast.

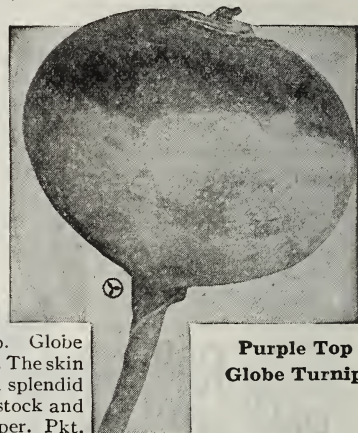
Turnips do best in a highly enriched, sandy, gravelly, or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to six or eight inches in rows. For a succession, sow at intervals of a fortnight until the last week in May, and from the last of July to the end of August sowing may be made for the fall and main crops.

WHITE FLESHED SORTS

Early White Flat Dutch. (40 days) An excellent extra early, flat turnip. Strap leaved, mild flavor, fine quality. To be at their best should be used when small as they are more tender. Also grown for a fall crop. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Early Purple Top, Strap-Leaved. (55 days) This is very similar to the Early Flat Dutch, being purple or dark red on top and a few days later. Excellent quality and one of the most popular sorts. Largely grown for market. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

White Egg. (50 days) In White Egg we offer a quick growing pure white variety that is very popular. Solid, firm, flesh fine grained, cooking up sweet and tender. Egg shaped, skin pure white. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



Purple Top
Globe Turnip

RUTA BAGA

Improved Purple Top Ruta Baga. (95 days) One of the best of the Swedes; hardy and productive; flesh yellow, sweet and well flavored; shape slightly oblong terminating abruptly, color purple above and yellow under the ground; rich in flavor. A popular market sort. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Large White Ruta Baga. (90 days) (Sweet Russian.) This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

TOBACCO

Connecticut Seed Leaf. This is a popular cigar variety, also largely used for pipe smoking by those who prefer a home cured natural leaf. Makes a large broad leaf and is the only variety largely grown in the northern states. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00.

Havana Imported. Thin leaved variety. Largely used for cigar wrappers. Makes a mild smoke for the pipe. Pkt. 10 cts., oz. 30 cts.

LAWN GRASS SEED



(From Photograph)

At prices quoted by the pound to three pounds we pay postage.
Larger quantities at purchasers expense, by freight or express.

Velvet Sod Mixture. This is a mixture made expressly for lawns and has produced some wonderful results. One pound will seed about 300 square feet, 80 to 100 pounds are required for one acre. Old lawns are greatly benefited, if in the Spring they are carefully raked, removing the dead grass and leaves that may be upon them, then liberally sprinkled with Velvet Sod Mixture, after which they should be thoroughly rolled with a heavy hand roller. Instructions for making and caring for lawns are packed in every package.

Velvet Sod Mixture. This mixture is carefully prepared and blended by ourselves and is composed of the choicest varieties of dwarf, close growing grasses especially suited for this purpose. On ground properly prepared, this seed will quickly make a neat velvety lawn and a permanent sod. Weighs about 25 pounds to the bushel. Lb. 50 cts., 3 lbs. \$1.35. By express, 5 lbs. at 38 cts., 20 lbs. or over at 35 cts.

Velvet Sod Mixture for Shaded Places is made up of a variety of grasses especially adapted to growing in shaded situations. When seeding under trees plenty of fertilizer should be used to replace the plant food already consumed by the trees. Bone-meal is beneficial and safe to apply. Lb. 50 cts., 3 lbs. \$1.35, postpaid. By express, 5 lbs. at 38 cts., 20 lbs. and over at 35 cts.

STORRS & HARRISON'S RE-CLEANED GRASS SEEDS

We handle only the cleanest and finest grades of grass seed procurable. Values are based on quality, so in comparing prices, please remember that in every instance it is the cleanest and best stock it is possible to obtain. Prices by the pound and three pounds are postpaid. **We do not guarantee prices on Grass and Clover Seeds.** Prices herein are based on values at the time this catalogue went to press and are subject to market changes.

Kentucky Blue Grass, Fancy Clean. Also known as June Grass, a valuable variety for lawns when mixed with other grasses, and especially valuable as a pasture grass. *About three bushels to the acre for pasture*, 14 pounds to the bushel. Lb. 50 cts., 10 lbs. and over at 35 cts.

Red Top Grass. Grows well in almost any soil and is valuable either for meadows, pasture or lawns, especially so for moist land. *About two bushels sow an acre*, 14 pounds to the bushel. Lb. 40 cts., 3 lbs. \$1.00, 10 lbs. and over at 18 cts.

Red Top Fancy. Re-cleaned seed, 32 lbs. per bushel. Lb. 50 cts., 3 lbs. \$1.35, 10 lbs. and over at 28 cts.

English or Perennial Rye Grass. A nutritious, quick-growing grass for meadows and pastures. It does well on sloping banks, as its roots are fibrous and mat-like. 24 pounds to the bushel. Lb. 40 cts., 3 lbs. \$1.00, 10 lbs. and over at 18 cts.

Orchard Grass. A valuable grass for pastures, for sowing in orchards or shady places. It grows rapidly and does not suffer from close feeding. *When sown alone three bushels should be sown to the acre*; 14 pounds to the bushel. Lb. 50 cts., 3 lbs. \$1.35, 10 lbs. and over at 35 cts.

Meadow Fescue or English Blue Grass. Especially suited for permanent pasture and is also fine for hay. Grows two to three feet high but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. As a fertilizer it has valuable properties. It will stand freezing very effectually and its use is becoming more widespread each year. *About 24 pounds of seed are sown to the acre.* Lb. 65 cts., 10 lbs. or over at 50 cts.

SELECTED CLOVER SEEDS

Alfalfa or Lucerne. For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots deeply into the earth. On land that is not naturally rich it needs fertilizing to help it get started. If there is no lime in the soil a top dressing of it should be given when the land is plowed. It should be mowed often enough during first season to keep the weeds down, being careful to cut above the crowns of the Alfalfa plants. Not adapted to low wetland. Lb. 60 cts. Write for samples and prices on larger quantities. *Sow early in spring or fall at rate of 20 pounds per acre.*

Alsike or Swedish. An excellent variety, of luxuriant growth and very sweet; valuable for pasturage or ensilage especially on moist land; makes good bee forage. *Sow five to six pounds per acre.* Lb. 75 cts. Write for prices on larger quantities.

Scarlet or Crimson Clover. Brilliant scarlet flowered annual; very productive and greedily eaten by cattle, remains green longer than the red variety, and is excellent for bee food. Largely used for green manuring, sown in August it may be plowed under the following June. *Sow fifteen pounds per acre.* Lb. 45 cts. Write for prices on larger quantities.

Sweet Clover, Bokhara. (*Melilotus alba.*) This legume is native to all parts of this country and is the most beneficial of all crops for building up worn out land. Thrives on all soils, but like all clovers requires lime and should be supplied it on land where it is lacking. Makes fine pasture for bees and good quality of hay relished by all stock. Does best when seeded alone. Sow in spring or fall. *Twenty to thirty pounds are required per acre.* Lb. 50 cts. Write for prices on larger quantities.

White Dutch Clover. Excellent for lawns in mixtures with grasses. A good pasture clover. *Sow at the rate of six to eight pounds per acre.* Lb. 80 cts., 5 lbs. and over by express at 65 cts.

MISCELLANEOUS FARM SEEDS

Prices per single pound are postage paid by us; in larger quantities by express or freight purchaser pays charges. Prices subject to market changes.

Broom Corn. (Imp. Evergreen.) This variety is extensively grown on account of the color and quality of the brush, which is long, fine, straight and always green. Grows from eight to ten feet tall. Plant in rows $3\frac{1}{4}$ feet apart and 3 inches apart in the row. Lb. 40 cts. 10 lbs. and over at 15 cts. per lb.

Tennessee Millet. No other plant that has yet been introduced for grass or forage has been able to produce anything approaching the enormous yield of Millet when grown under favorable circumstances. The seed we offer is genuine Tennessee grown, of the finest quality. There is a wonderful difference in true Southern grown Millet when compared with the cheap Western grown. True Southern Millet will produce double the amount of hay produced from Western grown seed. *Sow for feed one bushel to the acre.* Lb. 30 cts., 10 lbs. at 12 cts., 50 lbs. and over at 10 cts.

Japanese Millet. This grows six to eight feet high, stands remarkably well, and yields from 10 to 12 tons green fodder per acre. An excellent crop for the silo. It may be sown from the middle of May to the first of July, *broadcast at the rate of fifteen pounds per acre.* Lb. 30 cts., 10 lbs. by express at 15 cts., 50 lbs. and over by express or freight at 12 cts. per lb.

Hairy Vetch. (*Vicia Vilosa.*) This legume is rapidly springing into favor in the North as a fall soiling crop. Grows luxuriantly and is one of the greatest nitrogen gatherers. Requires no special soil preparation, neither is it particular as to soil, and is therefore very valuable for bringing up poor land. Makes a valuable and nutritious hay. If used for this purpose it should be cut in the spring when seed pods which resemble small peas are just forming. Its feed value is equal pound for pound with prime wheat bran. In the latitude of northern Ohio, Vetch should be sown by September 15, to enable it to get well started that fall. Farther south it may be sown later. *Sow broadcast at the rate of thirty to forty pounds to the acre.* Lb. 60 cts., 3 lbs. \$1.75. Write for prices on larger quantities.



Tennessee Millet

Rape. (*Dwarf Essex.*) Extensively grown for forage, especially for sheep; makes excellent green feed for poultry. They can be turned into it within six to eight weeks after sowing. Cattle and sheep are apt to bloat if the leaves are wet or they are turned in hungry and allowed to fill themselves. Sow in June or July, in rows two and one-half feet apart, at the rate of *five pounds seed per acre*, or may be sown broadcast at the rate of *eight pounds per acre*; it may be sown in April for an early crop with oats, rape making a rapid growth after the oats are cut. Lb. 40 cts., 3 lbs. \$1.00, 10 lbs. and over at 22 cts., 50 lbs. and over at 20 cts.

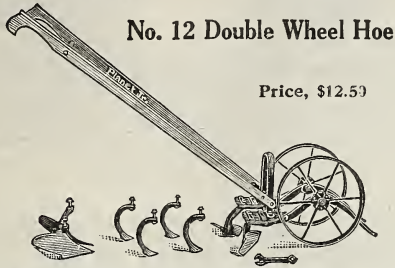
Sudan Grass. This forage crop is of immense value to the south or any section not sufficiently supplied with rain-fall. It is a great drought resister and makes an excellent quality of hay. Grows from five to nine feet tall, and stools freely when given plenty of room or after cutting. Do not sow until the ground has become thoroughly warm. *16-24 pounds to the acre broadcast, or 4-6 pounds in drills, 18-24 inches apart.* Lb. 45 cts., 3 lbs. \$1.25, 10 lbs. or over by express at 30 cts. per lb.

Sugar Cane. (*Early Amber.*) The standard variety for the North. The beautiful amber colored syrup it produces is thought to be superior in flavor to any other, and for sugar is unsurpassed. Valuable as a forage plant. Makes excellent milk-producing feed either green or dry. *Six pounds are required per acre in rows, or 40 to 50 pounds broadcast or drilled.* $\frac{1}{4}$ lb. 15 cts., lb. 30 cts., 25 lbs. and over at 10 cts.

PLANET Jr. GARDEN IMPLEMENTS

Planet Junior Tools are the greatest savers of time, labor and money, ever invented. They enable you to take care of more ground, do it better and easier, produce bigger and better crops. The first cost is the only expense. They last a lifetime.

Large Planet Jr. catalogue sent free upon request. Describes 70 various tools, including Seeders, Wheel-hoes, Horse-hoes, Harrows, Orchard and Beet Cultivators. **A request on a postal brings your copy. Prices subject to change.**



No. 12 Double Wheel Hoe

Price, \$12.50

THIS perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. The tools shown and sold with No. 12 are what gardeners use most, and others can be added as wanted.



No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

Price, \$23.00

THIS combined machine is intended for a class of gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate wheel hoe. As a wheel hoe it is identical with the No. 12 Double Wheel Hoe, the best machine on the market. The change from drill to wheel hoe takes but a moment, and the entire combination is one we can recommend and guarantee satisfactory.



No. 31 Combined Drill and Single Wheel Hoe

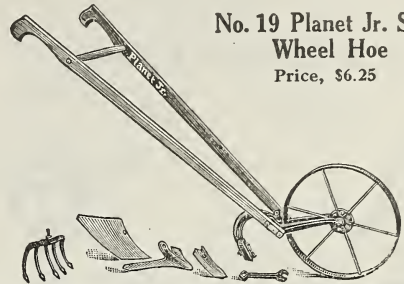
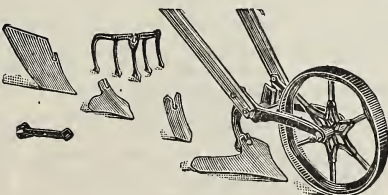
Price, \$13.00

As a Seeder only
(No. 31D) \$10.50

NO. 31 PLANET JR. is a new combined tool of great value to thousands of gardeners who have never felt able to own either a seed drill or a wheel hoe. It is thoroughly well-made and offered at a price that makes it pay the smallest gardener.

No. 33 Planet Jr. Single Wheel Hoe
The No. 31 without Seeder

Price, \$6.50



No. 19 Planet Jr. Single Wheel Hoe

Price, \$6.25

THE whole combination will delight the suburbanite or the boy who knows that a certain amount of garden work is to be part of his service. Women, younger or older, will find in this tool a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.



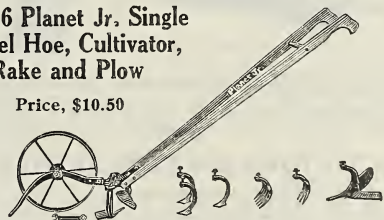
No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow

Price, \$19.50
As a Seeder only
(No. 4D) \$15.50

THIS admirable tool combines in a single convenient implement a capital hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder sows in continuous rows or drops in hills at five different distances. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

Price, \$10.50



THE highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way.



No. 17 Single Wheel Hoe, Cultivator, Rake and Plow

Price, \$8.75

THIS single wheel hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. The tools are a well-shaped plow for marking out, plowing, covering, and late cultivation; a pair of 6 inch shield hoes and three all steel patent cultivator teeth.

HANDY SPRAY PUMPS

To successfully cope with enemy destroyers of plant life, one must have proper weapons. Following are a few of the simpler and most effective pumps for spraying the various kinds of bug death, or prevention.

Cog Gear Bucket

MYERS BUCKET PUMPS



Constructed entirely of brass, with malleable iron foot rest. Will throw a solid stream 50 feet; valuable for spraying trees, washing windows or buggies, extinguishing fires, sprinkling lawns or flowers, etc. One superior feature is the extra jet for keeping the spray material mixed and agitated.

COG GEAR. (No. R-324) 1½ inch brass cylinder and patent cog-gear handle makes easy work and extra capacity. Price: The pump, with agitator, complete with detachable hose and graduating fine, sprinkling and solid stream nozzle. \$8.00

LITTLE GIANT. (No. 327½)

Special feature is the arrangement of air-chamber and cylinder side by side which makes the down stroke do all the work; thus relieving any upward pull on the bucket. Spray is continuous regardless of plunger action. Price: The pump, with agitator complete with hose and combination fine, coarse-spray and solid-stream nozzle. \$6.00

Little Giant

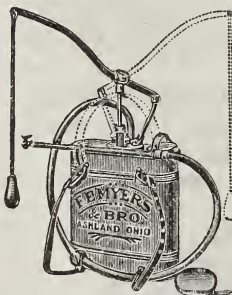


THE
"FAULTLESS"
SPRAYER
No. 1

THE "FAULTLESS" SPRAYER No. 1

Above is absolutely the best small, simple mist sprayer for general use against insects, on the market. Made of tin, substantially jointed and reinforced; greatest durability and spraying force in its class. Adapted for throwing either liquids or dry powder. Price, 75 cts. each, or \$1.00 postpaid.

MYERS GALVANIZED (No. 330) KNAPSACK SPRAY PUMP



Adopted and recommended by the U. S. Government as the best distributor of disinfectants for mosquitos and other poisonous insects.

The galvanized tank holds 5 gallons, and is fitted with lid and strainer which can be removed. The pump is the regular Myers Brass Bucket Spray Pump, with large air-chamber, brass ball valves, solid plunger and agitator. It is so arranged that no water can drip on the operator. The pump is also fitted with handle so the operator can use it the same as tank with bucket pump. The handle lever can readily be shifted from one shoulder to the other at will. Price: Pump and galvanized tank, fitted with 5½ feet of ½ inch hose, stop cock, pipe extension, and nozzle which can be graduated from a fine mist spray to a solid stream. \$13.50

MYERS 10 FT. BAMBOO EXTENSION

FIG 1536 BAMBOO PIPE EXTENSION

Made of selected Bamboo, 10 feet long, through which runs a special brass tube 5-16 inch in diameter, with threaded shut-off lever and male end, and safety drip shield. \$5.00

THE FEENY DUST GUN



This mechanically perfect apparatus has been proven by years of comparative test, and by verdict and award of two World Fairs, to be absolutely the best and most practical instrument for projecting dry powders ever manufactured. It is strong,

efficient, simple and neat in construction; a child can operate it; and it will last a life-time with reasonable care. It is intended for dusting powders only—and the operator must see to it the powder is perfectly dry and without lumps. The dust (as blown from the Feeny Dust Gun) is so light, fine and uniform that it comes out in a cloud and spreads over the plant more rapidly than wet sprays can be applied. Foliage and fruit are covered with the protective dust very thoroughly and effectively; and the danger of "burning" is reduced to a minimum. In addition to the two powders we list below, this gun handles perfectly, Paris Green, Tobacco Dust, Sulphur, Lime, etc.; as well as various powders directed against poultry vermin, flies and house pests. By express, \$2.50 each; by mail, post paid, \$3.00.

INSECTICIDES and FUNGICIDES

ARSENATE OF LEAD POWDER.

A chemically accurate combination of Arsenic which is the poisoning agent, and Lead which serves to hold the poison upon the foliage and also counteracts possible damage to the leaf itself. An efficient destroyer of all leaf-eating insects which attack either fruit or shade trees, shrubs, flowers or vegetables. 1 lb. cartons, 75 cts. each; by express only.

BORDO POWDER.

A highly efficient powdered form of Bordeaux Mixture; non-poisonous, but of great effectiveness when applied against fungus of all kinds. 1 lb. cartons, 60 cts. each; by express only.

"NICO-FUME LIQUID."

A highly concentrated liquid Nicotine solution for fighting sucking insects, such as Thrip, Aphis and Spider. Used according to directions, in a fine spray and with as much force as possible, it makes a very effective and inexpensive insecticide. Being highly poisonous, it must be stored in a safe place away from children. Can be shipped in express or freight orders only, not mailable.

½ lb. can. \$0.50 The proportion for spraying is one
1 lb. " 1.50 to two teaspoonfuls added to a gallon
4 lb. " 5.50 of water.

SULPHO-TOBACCO SOAP.

Useful for ridding house plants of bothersome insects. Especially efficient in removing scale from Palms and Ferns. Small cakes, enough to take care of the ordinary plant collection, by mail, postpaid, for 15 cts.

PLANT FERTILIZERS

"RED SNAPPER" PLANT FOOD.

This is a highly concentrated plant food made up scientifically to cover the needs of plant life, both out-of-doors and in window-garden and conservatory. It has been on the market some time; its advertisement has been nation wide, and is probably well known to most of our customers.



Easily applied, pleasant to use; and we are pleased to recommend it. Can be supplied in paper cartons containing about 5 lbs.

By express at 50 cts. per carton or by mail, postpaid, at 75 cts.

NITRACO.

A complete and highly concentrated plant food put up by one of the largest producers of commercial fertilizers. From the many brands on the market, we have selected Nitraco as being one of the safest and most effective all round food for amateur use, both for pot plants and garden. Put up in neat containers with full directions for its use.

1 lb. cartons, 30 cts.; postpaid for 50 cts.

5 lb. cartons, 85 cts.; postpaid, \$1.55 each.

STEAMED GROUND BONE.

Always useful in garden and lawn work. We have arranged for an especially good grade put up in 5 lb. and 10 lb. lots. This is best applied mixed with three to four times its bulk of ordinary soil, to permit even distribution. Must be sent by express. 5 lb. tin, 75 cts.



Flowers are enjoyed by everyone and are so easily raised from seeds that any home can have an abundance of blossoms during the entire year. Those we offer in the following pages are the products of the best American and English growers. No better strains are to be obtained at any price. Clear and complete directions for sowing are printed on each packet.

Flowers are usually known as **Annuals**, **Biennials** and **Perennials**.

Annuals bloom and ripen seed the first year and then perish.

Biennials do not generally bloom the first year and are in perfection the second year only.

Perennials flower several years in succession, many blooming the first year from seed sown early, and are used for permanent plantings.

Hardy Perennials and **Biennials** may be sown either in early Fall or Spring and require no protection through the Winter. **Hardy Annuals** may be sown either in late Fall or Spring.

Half Hardy Annuals, **Biennials** and **Perennials** can not be sown in open ground until warm weather; they may if desired be started early inside and transplanted afterwards. The latter two need protection in Winter or may be carried through in cold frames or greenhouses.

We are often asked to name the various Flowers suitable for cutting and to answer this query we have designated all such sorts with this character ☉.

FLOWER SEED COLLECTIONS

Before the opening of the shipping season, we put up great quantities of the collections named below. The varieties cannot be changed from the ones named for the above reason.

These contain the very best seeds and of the varieties that invariably give the greatest satisfaction; they aid in making the flower garden a success for the reason that they are all proven kinds.

20 PKTS. BEAUTIFUL, FREE FLOWERING, EASILY GROWN ANNUALS

Coll.

C

Asters, Choice Mixed.

Alyssum, Sweet.

Antirrhinum, Giant Mixed.

Bachelor's Button, Mixed.

Balsam, Double Camellia Flowered, Mixed.

Cosmos, Mixed.

Larkspur, Mixed.

Morning Glory, Choicest Mixed.

Marigold, Mixed.

Pinks, Double Choice Mixed.

Mignonette, Large Flowered.

Nasturtium, Tall, Finest Mixed.

Nasturtium, Dwarf, Finest Mixed.

Pansies, Mixed.

Poppy, Annuals Mixed, Double.

Petunia, Finest Striped and Blotched.

Phlox, Grandiflora, Fine Mixed.

Sweet Peas, Mammoth Flowered, Mixed.

Verbena, Extra Choice Mixed.

Zinnia, Fine Mixed.

POSTPAID
FOR

50
CENTS

OUR "LITTLE FOLKS" COLLECTION of FLOWER SEEDS

ONE
PACKET
OF
EACH

All children love flowers and take great pleasure in having their own plot of ground to work. We have selected this collection of easily grown annuals especially for the children. Each packet is full sized and contains a generous amount of seed.

Asters, choice mixed.

Candytuft, mixed.

Phlox, mixed.

Sweet Peas, Mammoth, mixed.

Dwarf Nasturtium, choice mixed.

Double China Pinks.

Mignonette, large flowered.

Poppy Double, mixed Paeony flowered

Zinnias, Double, mixed.

Petunia, fine mixed.

POSTPAID
FOR

25
CENTS



Antirrhinum
(Giant Flowered)

ANEMONE ◎

The Anemone or Wind-flower is one of our choicest autumn flowers and are at perfection when most other flowers have ceased blooming. Hardy perennials, easily grown from seed, blooming the first year if sown early. Produces large double flowers in mixed colors. Pkt. 5 cts.

ANTIRRHINUM ◎ (Snap Dragon)

They have dark and glossy leaves and curiously shaped flowers with finely marked throats. They bloom the first season from seed sown in the spring, but the blossoms will be much stronger the second year. Succeeds best in dry loamy soil. Half-hardy perennial.

MAJUS GRANDIFLORUM

This class grows about two feet high with larger flowers than the old sorts.

Firefly (Scarlet), pkt. 5 cts. **Orange**, pkt. 5 cts.
White, pkt. 5 cts. **Yellow**, pkt. 5 cts. **Pink**, pkt. 5 cts.

Tom Thumb. Dwarf, 8 inches, choice mixed, pkt. 5 cts.

Grandiflora. Mixed, pkt. 5 cts.

Purple King. This is a giant Snap-Dragon, more than twice the size of the ordinary ones. Only the one color in this strain, but do not fail to try it. Pkt. 10 cts.

ABUTILON (Flowering Maple)

Desirable plants for the house in winter and effective specimens for the lawn in summer. They will bloom the first year if sown early. Half hardy perennial, 1½ to 3 feet. Mixed colors. Pkt. 10 cts.

AGERATUM

As an addition to the flower garden's color forces in blue, the Ageratum is a valuable flower. The dwarf sort being particularly desirable for borders, edging, etc., being very compact and erect. Half hardy annual.

Mexicanum Mixed. Blue and white. 2 ft. Pkt. 5 cts.

Tom Thumb. Dwarf blue, distinct variety, desirable for edging. ½ ft. Pkt. 5 cts.

ALYSSUM

For borders, edging, rockeries and cutting, this dainty little flower has no superior in its color. For borders sow thickly; for winter bloom sow in August and transplant to pots.

Little Gem. Plants only three to four inches high. A large mass of white, sweet-scented flowers; fine for bordering; hardy annual. Pkt. 5 cts., ¼ oz. 20 cts.

Sweet. Fragrant white hardy annual. ½ ft. Pkt. 5 cts., ¼ oz. 10 cts., oz. 25 cts.

AMARANTHUS

Tricolor. (Joseph's Coat.) Beautiful foliaged plants, growing three to five feet high. They are useful as borders for taller growing plants or for the centers of large beds. Should be grown in warm sunny situations and given plenty of room to develop. The ornamental leaves are red, yellow and green. Pkt. 5 cts.



Anemone

ASTERS

Asters are one of the most popular and easily grown of all our annuals. By making a sowing of each of the various sorts, a continuance of flowers may be had from early Summer until frost. For early flowers, sow the seed in house or green-house during March or April and transplant to the open ground in May. For later flowers, which are the finest, sow the seed thinly in the open ground early in May, transplanting as soon as the plants are large enough. Half hardy annuals.

EXTRA EARLY EXPRESS (Comet)

These extra early Asters, of the well known Comet type, are the largest early Asters grown. Well developed flowers range from $3\frac{1}{2}$ to 4 inches across, very free of yellow centers and borne upon stems of good length. Plants reach a height of about 18 inches. Finest of all the Asters for early large sized blossoms. **Lavender.** Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts. **Rose.** Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts. **White.** Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts. **Mixed.** Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

Admiration. This wonderful Aster introduced by us a few years ago continues to increase in favor and is our most popular variety. It is a strong robust grower, doing well under all conditions and exceeds the Asterum in size of both plants and flowers. Densely double flowers of a bright clear pink carried on long straight stems. Centers are entirely covered. Makes the finest kind of a cut-flower. Pkt. 15 cts., 2 pkts. for 25 cts.



Extra Early Express

BRANCHING

A useful class of Asters for bedding and beautiful for cut flowers. The flowers are very large and double with long, strong stems for cutting. The colors which we offer separately and in mixture are very clear and handsome.

Light Pink. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts. **Lavender.** Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts. **Dark Red.** Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts. **Purple.** Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts. **White.** Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts. **Mixed.** Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts.

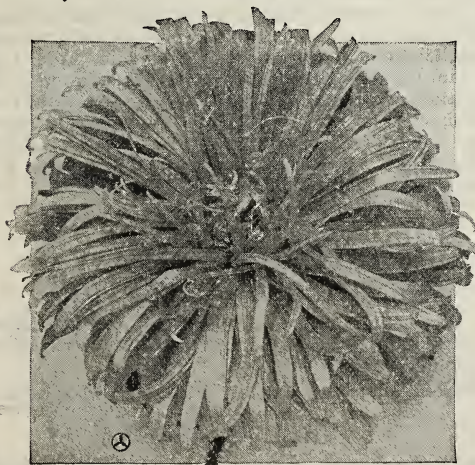
Any three packets of above for 25 cts.

LADY ROOSEVELT

One of the finest of recent introduction; perfect in shape; color a magnificent rose-pink; long strong stems and for cutting has no superior. Our seed comes from selected stock and is of first quality. Midseason. Pkt. 15 cts., 2 for 25 cts., $\frac{1}{8}$ oz. 40 cts.

LAVENDER GEM

A true lavender of splendid shape, borne on long strong stems, very early, of Comet type and an ideal cutting variety. Pkt. 10 cts., $\frac{1}{8}$ oz. 40 cts.



The Mikado Aster

THE MIKADO ASTERS

These Asters are among the largest and most showy of all Asters. Petals narrow, very long and gracefully reflexed, the outer ones showing to their full extent, while those in the center bend and curl across each other so as to give the entire flower an attractive fluffy appearance. The flowers grow to gigantic size, averaging six inches in diameter when grown under good cultivation.

Lavender. A delicate shade of lavender. Large immense flowers produced upon exceptionally long stems. One of the best for cut flowers. Pkt. 10 cts., 3 pkts. for 25 cts., $\frac{1}{8}$ oz. 35 cts.

Pink or Rochester. An exquisite shade of shell pink, resembling the Enchantress Carnation. Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{8}$ oz. 35 cts.

White. Identical with the above except in color which is a pure white. Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{8}$ oz. 35 cts.

Mixed. Mixture of above colors. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

ASTERS

THE CREGO ASTERS

The very best late flowering Asters in existence; enormous flowers of the Chrysanthemum type, borne on good stems.

Crego White. Clear glistening white. Pkt. 10 cts.

Crego Shell Pink. A clear pink. Pkt. 10 cts.

Crego Lavender. A splendid lavender. Pkt. 10 cts.

Crego Purple. Clear dark purple. Pkt. 10 cts.

Any three packets of above for 25 cts.

Crego Mixed. (All Colors.) Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

GIANT COMET

The Giant Comet Aster is well known for its striking appearance, resembling the Japanese Chrysanthemums; they have not only twisted, curled and crested forms, but large and showy flowers. (See inside cover for colored illustration.) $1\frac{1}{2}$ feet.

Crimson. Pkt. 10 cts.

Pure White. Pkt. 10 cts.

Light Pink. Pkt. 10 cts.

Light Blue. Pkt. 10 cts.

Dark Blue. Pkt. 10 cts.

Mixed. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

KING TYPE

Crimson King. This is one of the choicest of the King Asters. A true crimson of this desirable type. Pkt. 10 cts.

Lavender King. Identical with above, except in color; very desirable for cutting. Pkt. 10 cts.

Rose King. An enormous quilled Aster, reaching a diameter of four and five inches under very ordinary cultivation. Pkt. 10 cts.

Crego White

QUEEN OF THE MARKET

The earliest of all the Asters. Grows about 12 inches high and very branching; the flowers are on long stems, making it valuable for cutting.

Snowdrift. Pure white. Pkt. 5 cts. **Crimson.** Pkt. 5 cts.

Light Blue. Pkt. 5 cts. **Pink.** Pkt. 5 cts.

Dark Blue. Pkt. 5 cts. **Mixed.** Pkt. 5 cts., $\frac{1}{8}$ oz. 15 cts.

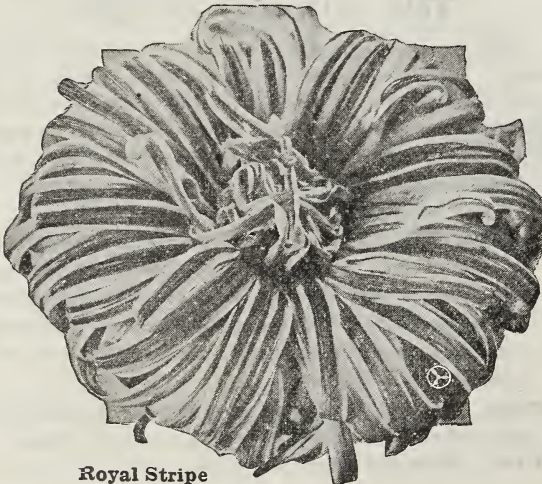
Any six packets of above for 25 cts.



King Asters

VARIEGATED ASTER ROYAL STRIPE

No color combination more beautiful can be imagined than is found in this Aster. A broad band of violet blue runs through the entire length of the center of each petal, with distinct margins of pure white. It is of the Giant Comet type, with extremely large flowers. The distinct striping, as well as the curled and twisted form of many of its petals, is clearly shown in our illustration. Its habit, together with its attractive flowers, cannot fail to make it popular for cut flowers, as well as a magnificent variety for bedding. $1\frac{1}{2}$ to 2 feet. Pkt 15 cts. Two pkts. for 25 cts.



Royal Stripe

TRUFFAUT'S PAEONY FLOWERED PERFECTION

A magnificent globe shaped Aster, too well known to need any description. One of the best for bedding. One and one-half feet.

Mixed. Many choice colors. Pkt. 5 cts., $\frac{1}{8}$ oz. 20 cts.

TALL CLASSES

Choice Mixed. A mixture comprising all the choice tall growing sorts. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

AQUILEGIA © (Columbine)

Hardy perennials that bloom freely during spring and early summer. They should be more widely cultivated, as they are perfectly hardy.

Chrysantha. Long spurred yellow flowers. Pkt. 5 cts.

Cerulea. Sepals blue, petals white. Pkt. 5 cts.

Long Spurred Hybrids. A choice mixture of long spurred varieties. Pkt. 10 cts.

Mixed Double. Best colors. Pkt. 5 cts.

BACHELORS BUTTON ©

These grand old-fashioned flowers make magnificent borders and grow to perfection in almost any good garden soil. Hardy annual.

Single Mixed. Pkt. 5 cts. **Double Mixed.** Pkt. 5 cts.

Double Blue. Excellent for cut-flowers. Pkt. 5 cts.

BALSAM

(Impatiens Balsamina)

Balsams are tropical plants, consequently thrive in hot weather, if planted in good soil and well watered. They grow up quickly and surely, from seed in the open during May. If wanted early sow in-doors and transplant. This has a tendency to dwarf the plants, making them more satisfactory. Tender annuals.

White Perfection. This is the very finest of white Balsams; very popular with florists. Pkt. 5 cts.

Camellia Flowered Scarlet. Pkt. 5 cts.

Giant Camellia Flowered Mixed.

Enormous flowers comprising all the colors. Pkt. 5 cts.

CALENDULA ©

Hardy annuals about one foot high, that produce a wonderful profusion of flowers, ranging in color from ivory to orange. Valuable for bed and borders. Bloom until late fall.

Choicest Mixed. All colors.

Pkt. 5 cts

Orange King. Large double flowers of a dark orange-red color. Pkt. 5 cts.

CAMPANULA ©

(Hare Bell, Canterbury Bell, Cup and Saucer.)

These grand old flowers are of easiest culture, and one of the most attractive hardy perennials. The variety Carpatia being the common Hare Bell, while the variety Media is the well known Canterbury Bell. Calycanthema is known as the Cup and Saucer. Sow seed in the open the last of June or first of July, and transplant. They will bloom the following spring if protected over winter.

Carpatia Mixed. (Hare Bell.) Blue and White. Very free flowering variety. Pkt. 5 cts.

Calycanthema. © Blue, Rose, White. Mixed. Each 10 cts. pkt.

Media Single Mixed. © Single Canterbury Bells. Hardy biennials. Pkt. 5 cts.

Media Double Mixed. © Double Canterbury Bells. Hardy biennial. Pkt. 5 cts.

CANDYTUFT (Iberis)

Seed sown in autumn produces flowers in early spring; when sown in April, flowers from July to September, and some of the sorts till frost comes. Hardy annual, one foot.

Little Prince. Flowers large, plant six inches high. Makes a fine border plant. Pkt. 5 cts., oz. 75 cts.

Empress or Snow Queen. A complete mass of large snow white flowers. Pkt. 5 cts., oz. 25 cts.

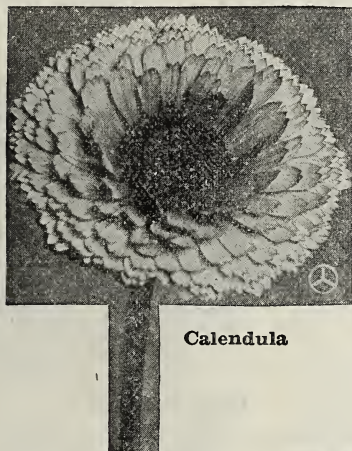
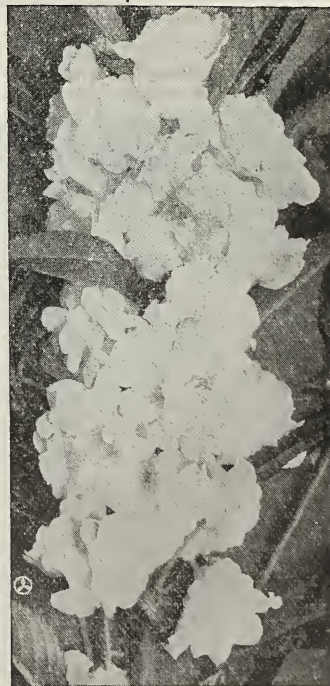
Crimson. A fine large flowered bright crimson. Pkt. 5 cts.

Lavender. True lavender, very fine. Pkt. 5 cts.

Rocket. Long spikes of white, excellent for cutting. Pkt. 5 cts., oz. 25 cts.

Fine Mixed. Pkt. 5 cts., oz. 20 cts.

Perennial. Hardy evergreen, white. Pkt. 10 cts.

**Bachelors Button****Calendula****Balsam White Perfection**



Canna

Sown in February or March will make flowering plants by July.

Dark Leaved Varieties, Mixed. Pkt. 5 cts., oz. 20 cts.

Green Leaved Varieties, Mixed. Pkt. 5 cts., oz. 20 cts.

Extra Choice Mixed. Dark and green leaved. Pkt. 5 cts., oz. 20 cts.

For the Roots see Plant Department of this Catalogue.

CARDINAL CLIMBER

A splendid new climber that has created a sensation wherever grown. Climbs to a height of 20 to 30 feet and is covered with beautiful red blossoms shaped like the Morning Glory. Leaves are deeply lacinated and are in themselves very decorative. We believe that everyone will be more than pleased with the Cardinal Climber. Pkt. 10 cts., 3 Pkts. 25 cts.

CARNATION

The Carnation has always been one of the most esteemed of the florists' collection. Sow under glass in greenhouse or hot bed, and when of sufficient size transplant one foot apart each way. Half hardy perennial, one and one-half feet.

Extra Choice Double Mixed. A large portion of this seed will produce double flowers. Pkt. 20 cts. **Double Mixed.** All shades and colors. Pkt. 10 cts.

Marguerite. With ordinary care will be in full bloom in four months after sowing the seed, flowering in profusion until checked by frost. The flowers range through many shades. **Mixed.** Pkt. 5 cts., 1/8 oz. 20 cts.



Marguerite Carnation

CALLIOPSIS or COREOPSIS

One of the leading plants for the flower garden, making a very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. Sow where they are to remain, and thin to one foot apart.

Lanceolata Grandiflora. Beautiful hardy perennial; grows 15 to 18 inches high and produces its golden yellow flowers in great profusion. Pkt. 5 cts.

Golden Wave. Bushy plants, with bright golden flowers, two inches across, each distinctly marked with dark brown center. Hardy annual. Pkt. 5 cts.

Finest Mixed. Hardy annual. Pkt. 5 cts.

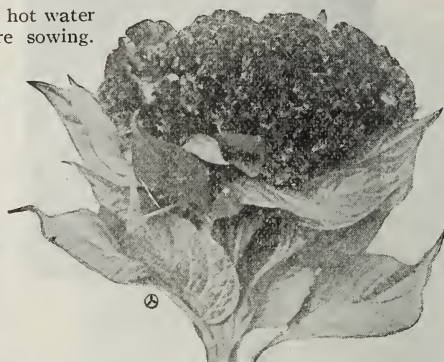
CANARY BIRD FLOWER

A rapid growing summer climber, with finely cut foliage and yellow flowers. Tender annual. Pkt. 5 cts.

CANNAS

We are large producers of Cannas. Our collection embraces all the new and standard sorts and is unsurpassed. The Canna seed we offer is our own saving from these finest named varieties, and while each variety does not come true from seed, our mixture embraces every color. These beautiful ever-blooming Cannas bloom freely the first year from seed.

Soak the seed in hot water 12 to 24 hours before sowing.



Dwarf Coxcomb

CELOSIA (or Coxcomb)

Free blooming, graceful plants, growing best in rather light soil, not too rich; grown in pots they are fine for the greenhouse or conservatory. Half hardy annuals.

Dwarf Coxcomb. (Cristata Nana.) Low growing plants with showy combs. Choice mixed. Pkt. 5 cts.

Chinese Wool Flower. This recent novelty is the most curious as well as the most showy of all Celosias. The round globular flowers, appearing like large balls of bright red wool, start blooming in July and continue until cut down by frost. The flowers do not fade but increase in size and brilliancy throughout the season. They are excellent for bedding or are fine when grown as specimen plants. Height of plant, 2 to 3 feet. Pkt. 10 cts.

Ostrich Feather. (Celosia Plumosa.) A beautiful feathered Celosia, producing large, bright, crimson and orange plumes. A packet of each with the taller for the center and the dwarf for the outer edge would make a beautiful bed.

Tall. Mixed. 3 feet. Pkt. 5 cts. **Dwarf.** Mixed. 1 1/2 feet. Pkt. 5 cts.

Castle Gould. A distinct type of Celosia Plumosa. The plants are literally clothed from base to summit with immense feathered heads. Pyramidal growth, two to three feet high; especially suited for pot culture, the profusion of long continued bloom being remarkable. The colors are blood red, carmine yellow, golden orange, scarlet and wine red. **Mixed.** Pkt. 10 cts.

CENTAUREA

Gymnocarpa. (Dusty Miller.) An ornamental leaved plant, forming a round bush of silvery fern-like leaves; a fine contrast with dark foliage plants. Half-hardy perennials. 1½ feet. Pkt. 5 cts.

Imperialis. © All Colors. (Giant Sweet Sultan.) The bushes are covered with large, sweet-scented flowers. Will keep for over a week in water, if cut just when they are about to open. Hardy annual. 2 feet.

Mixed. Pkt. 5 cts.

CHRYSANTHEMUMS ©

The annual Chrysanthemums are distinct from the autumn flowering varieties, blooming all summer and making a gorgeous display in the flower garden and for pot culture.

Annual Double White Snowball. A magnificent variety growing about 18 inches high and blooming continuously throughout the summer. They are covered with clusters of double pure white flowers of a beautiful fringed appearance. Will last a week or two after being cut. Pkt. 5 cts

Annual Double and Single Mixed. Beautiful double and single types in a wide range of colors. Pkt. 5 cts.

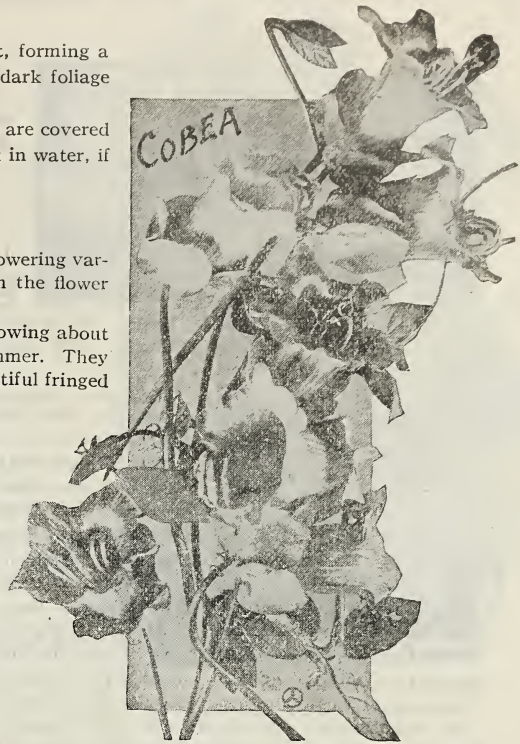
CINERARIA

A beautiful class of plants for spring decoration of the window or conservatory; may also be planted out in summer. They grow from 12 to 18 inches high, and are completely covered with a mass of flowers, two and three inches across, of the richest colors, in white, blue, violet and crimson shades. Seed may be sown from May to September for succession. Greenhouse perennial.

Grandiflora. (Large flowered.) **Mixed.** Pkt. 25 cts.



Double White Snowball



CLARKIA ©

This pretty easily grown annual is worthy of a place in every garden. They are not particular as to location but thrive equally as well in partial shade as in a sunny situation. Excellent plants for borders, hanging baskets or vases.

Elegans Alba, fl. pl. (Double White.) Pkt. 5 cts.

Elegans Apple Blossom, fl. pl. (Double Pink.) Pkt. 5 cts.

Elegans Salmon Queen, fl. pl. (Double Salmon.) Pkt. 5 cts.

Elegans Double Mixed. Pkt. 5 cts.

CLEOME

Pungens. (Giant Spider Flower.) This highly ornamental plant grows to a height of from 3 to 3½ feet,

branching freely. Each branch is surmounted by large panicles of curiously shaped pink flowers. Blooms continuously from early summer until frost. Excellent for the annual border. Half hardy annual. Pkt. 5 cts.

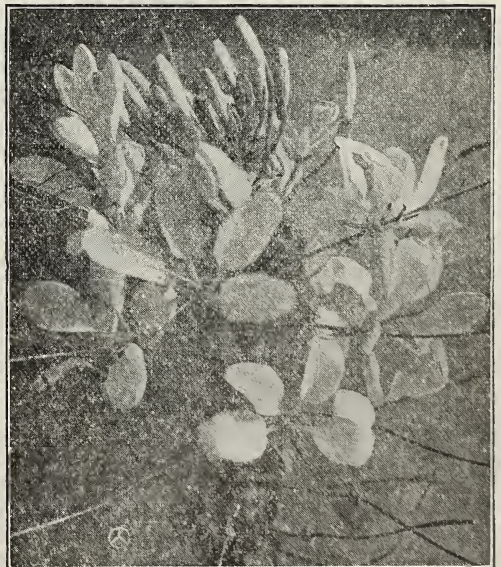
COBEA

Scandens. A fine rapid growing climber, with handsome foliage and large bell-shaped flowers; green at first but rapidly changing to purple. Seeds should be started in hot bed or rather dry soil, as they are apt to rot in open ground. One of the best climbers for arbors, etc. Tender perennial, 20 feet. Pkt. 10 cts.

COLEUS

A beautiful class of well known and popular decorative foliage plants. For bedding or pot culture.

Choicest New Hybrids. (Mixed.) Pkt. 15 cts.



Cleome Pungens

COSMOS⊙

An autumn flowering plant of rapid growth, making large bushes five feet high. For cut flowers it has no equal, its magnificent blossoms upon long graceful stems, and with the dainty foliage, keeping a long time in water.

New Striped. This is a distinct and charming new variety, having large white centers and petals deeply striped. Pkt. 10 cts.

MAMMOTH EARLY FLOWERING

The Early Flowering strain blooms in August. It is a strong vigorous grower with lovely flowers of white, pink and crimson, which are as large as those of the Giants.

Crimson. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

Pink. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

White. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

Mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

GIANT FANCY COSMOS

These giant flowers are exceedingly beautiful. Bloom late in the fall and make a continued show until cut down by frost. It is well to start seeds of this class in the house early and transplant to open ground after hard frosts are past.

Giant Fancy Pink. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

Giant Fancy Red. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

Giant Fancy White. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

Giant Fancy Mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

Klondyke. Golden yellow, flowers borne on long stems measure from $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across. Pkt. 10 cts.

Lady Lenox. One of the very finest, pale rosy-pink; magnificent for cutting. Extra large flowers. Pkt. 5 cts.

Giant Fancy Cosmos

White Lady Lenox. The giant white of the Cosmos. Flowers pure white and nearly three times larger than the ordinary Cosmos. Robust grower, attaining a height of six feet. Pkt. 5 cts.

Lady Lenox Mixed. Mixture of two colors, pink and white. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

NEW DOUBLE CRESTED COSMOS

These beautiful novelties are something entirely different from other Cosmos. The flowers are not fully double, but are double crested, having double centers and a row of petals around the base, which makes them very effective. Flowers are borne on strong stiff stems, fine for use as a cut flower. Very shy seeders.

Pink Beauty. Very delicate pink. Pkt. 15 cts., 2 pkts. for 25 cts.

White Queen. Pure white, outer petals fringed. Exceedingly pretty. Pkt. 15 cts., 2 pkts. 25 cts.

CYCLAMEN

Charming bulbous-rooted plants, with beautiful foliage and rich colored fragrant flowers. Tender perennials, six inch. **Persicum Giganteum.** A great improvement over the old sorts. **Mixed.** Pkt. 25 cts.

**Crested Cosmos****CYPRESS VINE (Ipomea Quamoclit)**

Climber, with delicate dark green feathery foliage and abundance of bright star-shaped rose, scarlet and white blossoms. Tender annual; 15 feet. **Mixed.** Pkt. 5 cts.

Ivy-Leaved Scarlet. The deeply lobed ivy-like leaves form a dense screen and great racemes of fiery scarlet flowers stand out in countless numbers. Pkt. 5 cts.

DAHLIA⊙ One of the best autumnal flowering plants. Half hardy perennial; three to four feet.

Double Mixed. Finest double flowers, including the new, large flowered varieties. Pkt. 10 cts.

Single Giant Perfection. The flowers are large; many are marbled and striped. Mixed colors. Pkt. 10 cts.

DAISY (Bellis Perennis)

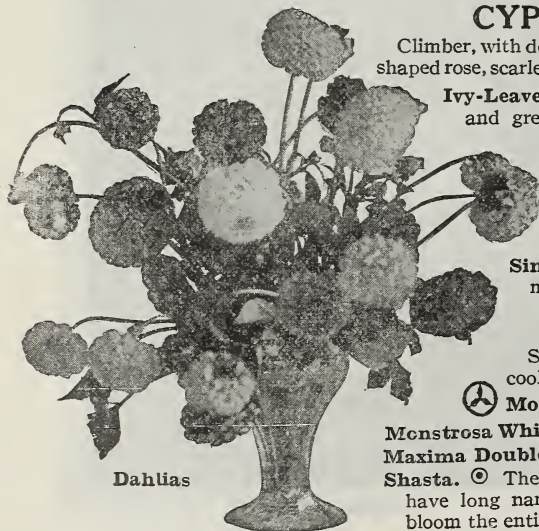
Sow seed early in hot bed or house and transplant to a rich, cool, partially shaded situation. Hardy perennial; six inches.

⊙ **Monstrosa Red.** Giant flowered red. Pkt. 10 cts.

Monstrosa White. Very large flowered. Pkt. 10 cts.

Maxima Double Mixed. Pkt. 10 cts.

⊙ **Shasta.** The pure white flowers are three to four inches in diameter. Some have long narrow twisted petals, while others are broad and flat. They bloom the entire season. Hardy perennial; two to three feet. Pkt. 10 cts.

**Dahlias**

DATURA (Angels Trumpet)

Showy, large branching plants, growing three to five feet high, bearing trumpet-shaped flowers six inches in length.

Double Mixed. Pkt. 5 cts.

DIMORPHOTHECA

Aurantiaca. We are indebted to South Africa, for this beautiful profusely-flowering annual. Plants grow from 12 to 15 inches high, with rich, orange-gold flowers from 2½ to 2¾ inches in diameter. Plants from seed sown early will start blooming in early summer, continuing into the fall. Makes a fine bedding plant. Pkt. 10 cts.

ESCHOLTZIA or CALIFORNIA POPPY

These beautiful little flowers are California's State flower, hence the name. Produce beautiful effects either as border plants or in masses. Hardy annuals.

Mandarin. A beautiful orange. Pkt. 5 cts.

Rosy Morn. Delicate frilled flower of beautiful primrose yellow hue. Pkt. 5 cts.

Golden West. The flowers have large overlapping petals. The color is shining yellow with an orange blotch. Pkt. 5 cts.

Crimson. A clear glistening crimson. Very fine. Pkt. 5 cts.

Alba. White, of a clear shade, is very rare in this flower. This is a clear satiny white. Pkt. 5 cts.

Mixture of above varieties. Pkt. 5 cts.

BUSH ESCHOLTZIA

A beautiful bushy plant, two feet high, with large cup-shaped flowers on long stems. The color is bright yellow. They keep in water for two weeks. Hardy annual. Pkt. 5 cts.



Escholtzia



Euphorbia Variegata

afternoon and wither the next morning. Our mixture contains a fine variety of colors. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts.

FORGET-ME-NOT (Myosotis)

If the seed is sown in autumn it will flower in early spring. Hardy perennial; one-half foot.

Palustris. Blue flowers, with white and yellow eyes. Pkt. 5 cts.

Dissitiflora. Large sky-blue flowers, very early, free blooming. Pkt. 5 cts.

Victoria. Dwarf, bushy habit, covered with large blue and white flowers. Mixed. Pkt. 5 cts.

Ruth Fisher. The largest and finest Forget-Me-Not; flowers measure from ¾ to 1½ inch across and are of a lovely sky-blue; of great value for forcing, pot culture or spring bedding. Pkt. 5 cts.

FOXGLOVE (Digitalis)

Its ease of cultivation, the mammoth spikes of splendidly colored flowers make them very desirable for use in borders or as backgrounds for lower growing plants. Spikes grow to a height of three to five feet. Hardy biennials.

Finest Mixed Gloxinoides. Pkt. 5 cts.

Canariensis. Rich canary yellow. Pkt. 5 cts.

EUPHORBIA

Hetrophylla. (Mexican Fire-plant.) An annual resembling the Poinsetta in habit and color. Smooth glossy green leaves which mid-summer turn to a beautiful orange-scarlet. 2 to 3 feet. Pkt. 10 cts.

Variegata. (Snow-on-the-Mountain.) An old garden favorite; foliage and flowers veined and margined white. 2 to 3 feet. Pkt. 5 cts.

FEVERFEW

(Double White)

A bushy plant, bearing a profusion of double white Daisy-like flowers. Hardy annual, Pkt. 5 cts.

FOUR O'CLOCK

(Marvel of Peru)

A handsome, free-flowering half-hardy perennial; blooming the first season from seed; the flowers, which are produced in clusters, open in the



Four O'Clock

GAILLARDIA ©

A showy and useful class of plants, flowering freely from early summer until frost. They are effective when grown in masses, and are particularly adapted for vases, lasting a long time after being cut.

Grandiflora. Hardy perennial, blooming first season with large flowers, dark, crimson centers marked with rings of many brilliant colors. Mixed. Pkt. 5 cts.

Picta Mixed. A fine mixture of double annual flowering sorts that are charming. Pkt. 5 cts.

GERANIUM

Zonale Mixed. A fine mixture of the largest and best varieties. Should be started early indoors and transplanted to the outside in May or June. Pkt. 15 cts.

GEUM ©

Mrs. Bradshaw. Beautiful hardy perennial flowers, very double dark crimson. Blooms continuously all summer, fine for use in bouquets. Pkt. 10 cts.

GLADIOLUS ©

Sow seed in open ground as soon as warm in spring; take up in fall and preserve from frost. Keep dry like potatoes, and plant in spring. Will bloom second or third season.

Finest Mixed. From choice named varieties. Pkt. 5 cts.

For Bulbs see Plant Department of this Catalogue.

GODETIA

Godetias are not nearly well enough known and planted in America. Their beautiful satiny, open flowers produce a magnificent effect in masses or borders covering a wide range of colors. Easy to grow from seed and produce in shaded places good flowers where so few flowers can be grown. Hardy annuals. **Finest Mixed.** All colors. Pkt. 5 cts.

GOMPHRENA

Globosa. (Globe Amaranth.) The true Bachelor Button. Low, bushy plants bearing clover like blossoms of crimson, pink and white. Makes an excellent border plant, also good for pot culture. The flowers are everlasting if cut as soon as fully open. **Fine Mixed.** Pkt. 5 cts.

GOURDS

A tribe of climbers with curiously shaped fruits, which are a delight to the children and may be used in many practical ways. Tender annual climbers. 10 to 20 ft.

Apple Shaped. Pkt. 5 cts. **Calabash.** The pipe gourd. Pkt. 5 cts. **Chinese Sponge or Dish Rag.** Pkt. 5 cts. **Dipper.** Pkt. 5 cts. **Egg Shaped.** Pkt. 5 cts. **Large Ornamental Mixed.** Pkt. 5 cts. **Small Ornamental Mixed.** Pkt. 5 cts.



Gourds



Helichrysum

GYSOPHILA (Baby's Breath)

Delicate free-flowering little plants, covered with a profusion of star-shaped blossoms. Well adapted for hanging baskets and edgings, valuable for making bouquets. Annual.

Elegans. © Mixed white and pink. Pkt. 5 cts., oz. 25 cts.

Paniculata. Almost identical with above, except that it is perfectly hardy. Pkt. 5 cts.

HELICHRYSUM

Large, double, "Everlasting Flowers." Handsome bouquets may be formed of them for winter, if gathered before opening. Hardy annual. 1½ to 2 feet. Mixed. Pkt. 5 cts.

HELIOTROPE

Highly valued for the fragrance of their flowers and duration of bloom. Tender perennial, one foot. Easily grown from seed, blooming first summer if sown early.

Lemoine's Giant Hybrid. Choice mixed. Pkt. 10 cts.

Fine Mixed. Pkt. 5 cts.

HIBISCUS

Crimson Eye. Large pure white flowers, with a crimson center. It is perfectly hardy, blooming the first year from seed sown in the open ground if sown early. Pkt. 5 cts.

Moscheutos. Rose mallow, large pink flowers with dark maroon eye. Pkt. 5 cts.

HOLLYHOCK

One of our grandest summer and autumn flowering plants. Sow the seed in June or July in open ground, transplant to three feet apart. Hardy perennials.

Double White. Pkt. 10 cts. **Yellow.** Pkt. 10 cts.

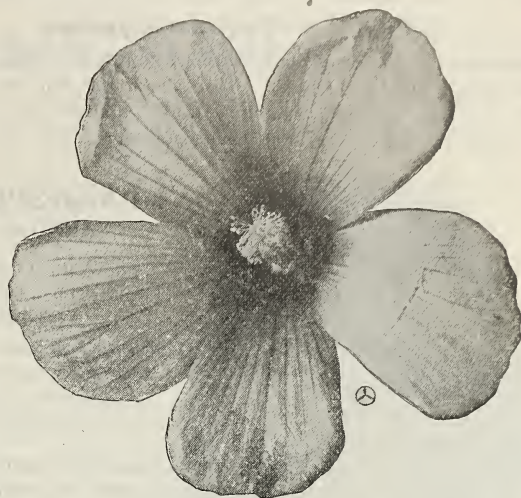
Double Pink. Pkt. 10 cts. **Red.** Pkt. 10 cts.

Double Maroon. Pkt. 10 cts. **Mixed.** Pkt. 5 cts.

Black. Pkt. 10 cts.

Everblooming Hollyhocks. These Hollyhocks bloom the first season. Sow in open ground as soon as the soil is in proper condition.

Choice Mixed. Pkt. 10 cts.



Hibiscus—Crimson Eye

Mammoth Fringed Hollyhock. (Allegheny.) The flowers are from four to six inches across, single and semi-double, finely fringed and curled. Will bloom the first season if sown early. **Choice Mixed.** Pkt. 10 cts.

HONESTY © (Moonwort)

Lunaria Mixed. Hardy biennials grown chiefly for their peculiar silvery seed pouches, which are used in winter bouquets. Height 2 feet. Pkt. 5 cts.

HOP (Variegated Japanese)

The leaves are beautifully and distinctly marked with silvery white, yellowish white, and light and dark green. It retains this foliage until late in the autumn; climbing 20 feet. Pkt. 10 cts.

HYACINTH BEAN

A rapid growing annual climber, about 10 feet high. They bloom freely in clusters, which are followed by ornamental seed pods. Sow seed in April or May. White and purple, mixed, pkt. 5 cts., ½ oz. 15 cts., oz. 25 cts.

ICE PLANT

(Mesembryanthemum)

Fine for baskets, rock work and vases. Leaves and stems appear as though covered with ice crystals. Tender trailer; six inches. Pkt. 5 cts.

IRIS ©

Kaempferi. Mixed. (Japanese Iris.) These are the most beautiful of all the flags, are easily grown from seed and should have a place in every garden. The seed we offer is saved from our collection of choice named varieties and will produce wonderful flowers. Pkt. 10 cts.

IPOMEA

Tender annual climbers of rapid growth, with beautiful and varied flowers.

Heavenly Blue. Flowers four to five inches across, in large clusters. Color, a beautiful sky-blue. Pkt. 10 cts.

Grandiflora. (Moonflower.) One of the most showy of the annual climbers. A rapid growing vine, easily reaching a height of 25 to 30 feet. At night the plants are covered with large, pure white, fragrant flowers. Pkt. 10 cts., ¼ oz. 20 cts.

Setosa. (Brazilian Morning Glory.) A summer climber, making a dense shade. Flower rose colored; three to four inches in diameter. Pkt. 5 cts.

JOB'S TEARS

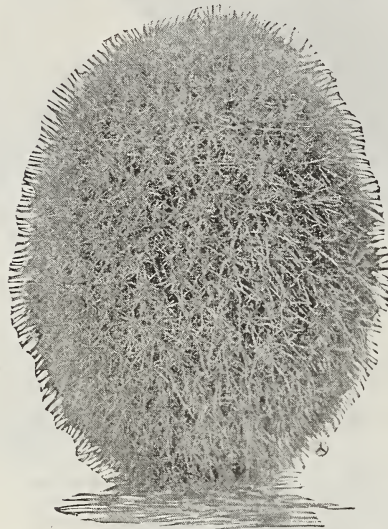
Ornamental grass with broad glistening leaves. The odd pearl like seeds are often strung and used as beads. Hardy annual. Pkt. 5 cts., oz. 20 cts.



Double Hollyhocks

KOCHIA (Summer Cypress)

Tricophylla. An annual about three feet in height. Splendid for temporary Summer Hedges. Throughout the summer it is a lively green, but towards autumn turns to a bright red. It is of rounded form, with very fine foliage and stems. Pkt. 5 cts.



Kochia Tricophylla
(Summer Cypress)

Newport Scarlet. This variety is one of the choicest of these old garden favorites. Makes an ideal flower for cutting. Pkt. 10 cts.

PERENNIAL (Delphinium)

The Perennial Larkspurs or Delphiniums are the garden's strongest force in the various shades of blue and are easily grown from seed.

Belladonna Hybrids. A magnificent sort unrivalled for continuance of blooms with large spikes of the most delicate turquoise blue. Fine for cutting. Pkt. 10 cts.

Formosum. Rich blue and white; three feet. Pkt. 10 cts.

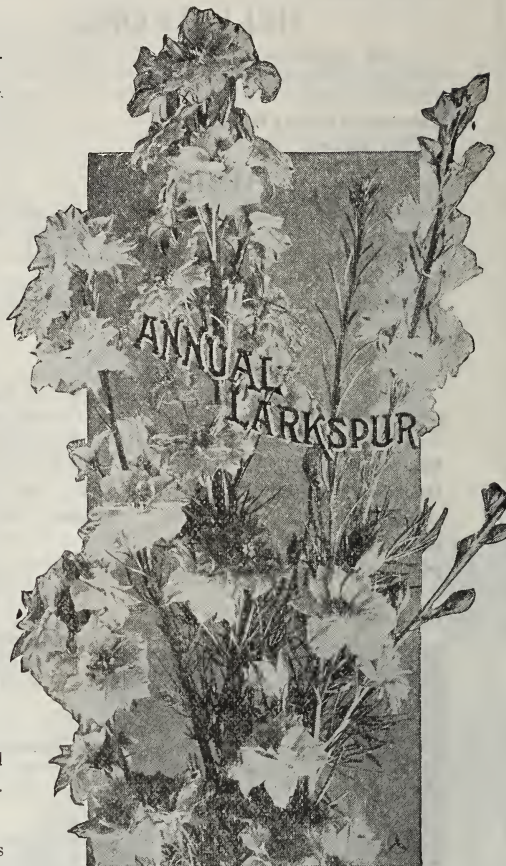
Choice Hybrids. Mixed. Pkt. 5 cts.

LARKSPUR (ANNUAL)

The Annual Larkspur furnishes one of the best and most satisfactory blossoms in the whole range of annuals. Colors vary from white through blue, pink and red.

Giant Hyacinth Flowered. The plants grow three feet high with long spikes of giant flowers. Earliest flowering. Mixed colors Pkt. 5 cts.

Double Dwarf Rocket.
One foot, finest mixed.
Pkt. 5 cts.



Giant Hyacinth Flowered

LOBELIA

A most excellent and useful genus of plants, easy of culture and well adapted for bedding, edging, pots or rockeries. Seed should be covered lightly.

Crystal Palace Compacta. Fine for bedding, compact, erect growth, deep blue. Annual. Pkt. 5 cts.

Erinus Speciosa. Of trailing habit, bright blue flowers; fine for baskets. Annual. Pkt. 5 cts.

Mixed. Trailing varieties. Annuals. Pkt. 5 cts.

LUPINES ☉

Annual Mixed. Easily grown annuals, with long, graceful spikes of pea-like flowers. Fine for beds or borders. Does well in partial shade. Pkt. 5 cts.

LYCHNIS CHALCEDONICA

Handsome for beds and borders, of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennials. Bright scarlet, two to three feet. Pkt. 5 cts.

MARIGOLD ☉

Old favorite of easy culture, with various colored beautiful double flowers and fine foliage; very effective for groups and masses. Hardy annuals.

Double African Mixed. Tall, mixed orange and yellow shades. 3 feet. Pkt. 5 cts., oz. 40 cts.

Double African Lemon. Pkt. 5 cts.

Double African Orange. Pkt. 5 cts.

Double and Single French. 2 feet. Finely cut foliage. Dwarf; mixed colors. Pkt. 5 cts., oz. 40 cts.



Marigold
(Double African)

MIGNONETTE®

A delightfully fragrant, hardy annual, blooming the entire season in the flower border; also fine for pot culture during the winter and spring.

Defiance. This magnificent variety, when grown under favorable conditions, and with proper care, will produce spikes 12 to 15 inches long. Pkt. 5 cts.

Goliath. Immense large spikes, borne upon strong stiff stems. Color is bright red, very fragrant and fine for cutting. Pkt. 5 cts., oz. 50 cts.

Machet. The plants are dwarf and vigorous, of pyramidal growth; with long spikes of sweet scented reddish green flowers. Pkt. 5 cts., oz. 50 cts.

Large Flowering. The common Sweet Mignonette; an old garden favorite. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts.

MOMORDICA

Balsamina. (Balsam Apple.) Annual climber, with yellow blossoms and beautiful foliage. The fruit when ripe bursts suddenly open, scattering its seed and showing a brilliant carmine interior. 10 feet. Pkt. 5 cts.

Momordica Charantia. This is the well known Balsam Pear, smaller than above and highly valued for its healing properties. Pkt. 5 cts.

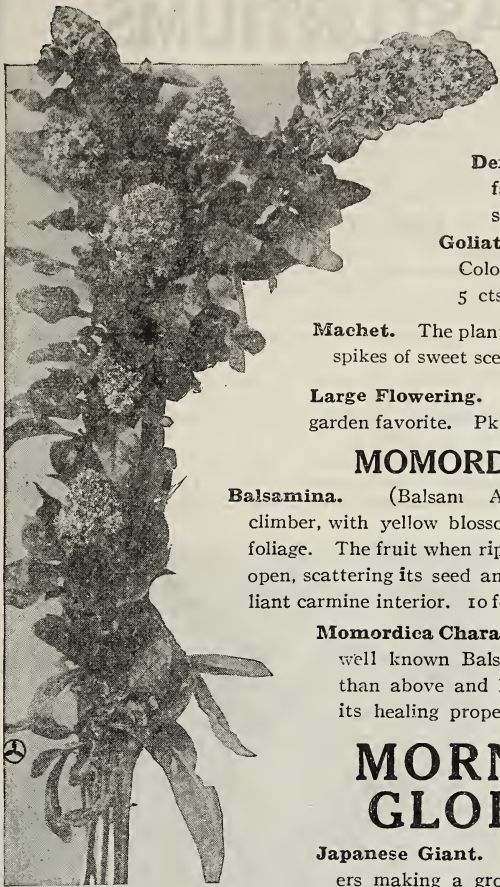
MORNING GLORIES

Japanese Giant. A class of climbers making a growth of 20 to 30 feet quite early in the season. Their large flowers are striped, spotted and margined in all shades from white to the deepest red, blue and purple. Many are fluted and fringed. Sow the seeds early in a warm sunny place. Choice mixed. Pkt. 5 cts. Oz. 20 cts.

Large Flowering Rochester. Vines strong, growing 12 to 20 feet high, with magnificent foliage. Flowers 4 to 5 inches across, deep violet blue in the throat, blending out to an azure blue, bordered with a white band around the edge. Pkt. 5 cts. Oz. 20 cts.

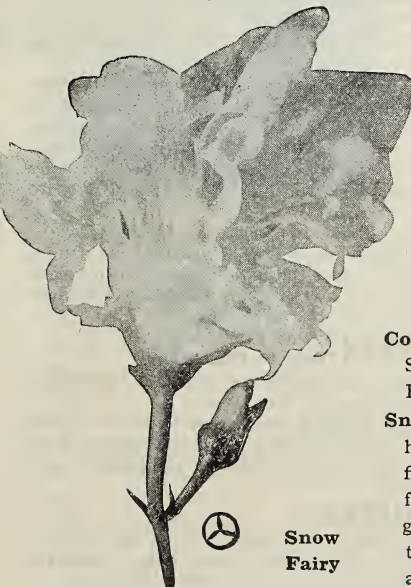
Convolvulus Major. The well known old fashioned Morning Glories. Splendid climbing plants. Of rapid growth and profuse bloom. Pkt. 5 cts. Oz. 10 cts.

Snow Fairy. The vines are rapid growers, soon attaining a height of 12 to 18 feet, starts blooming quite early, continuing to flower in great profusion until cut down by frost. The delicate lacy form of the flower is hard to describe or to give justice to in a photograph. All through the summer the vines are literally covered with the glistening white blossoms which are perfectly double and present a striking appearance. Pkt. 10 cts.

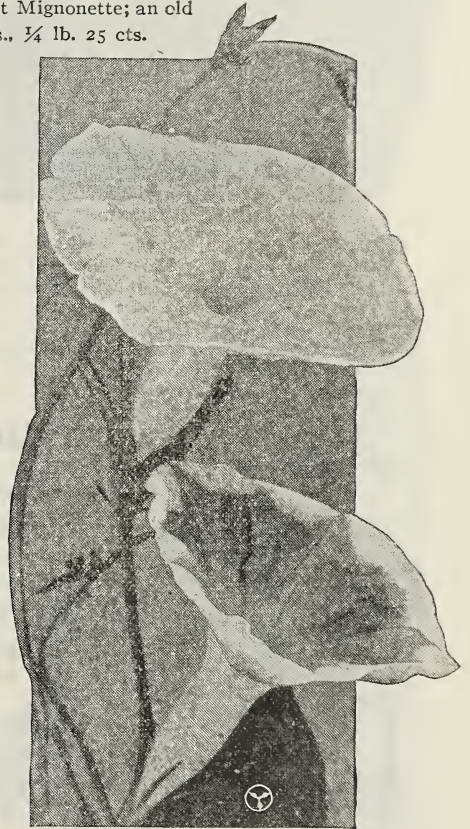


Mignonette

large flowers are striped, spotted and margined in all shades from white to the deepest red, blue and purple. Many are fluted and



Snow Fairy



Japanese Giant

**Dwarf Nasturtiums**

Rose. Rose-pink blossoms. Pkt. 5 cts., oz. 20 cts.

Variegated Leaved. The foliage is a healthy dark green, peculiarly spotted with white. Flowers in a mixture of colors. Pkt. 5 cts., oz. 20 cts.

Mixed. This splendid mixture contains all the named varieties and every color. No finer mixture can be made. They will produce enormous flowers on long stems, in a wonderful variety of colors. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

TALL OR CLIMBING VARIETIES

Atropurpureum. Crimson. Pkt. 5 cts., oz. 20 cts.

Chameleon. Blossoms of various colors and changing on the same plant. Pkt. 5 cts., oz. 20 cts.

Coccineum. Scarlet. Pkt. 5 cts., oz. 20 cts.

Jupiter. Great rich yellow flowers resembling Orchids in their beauty. Pkt. 5 cts., oz. 20 cts.

King Theodore. Rich, deep crimson dark foliage. Pkt. 5 cts., oz. 20 cts.

Pearl. White. Pkt. 5 cts., oz. 20 cts.

Queen Hybrids Mixed. The foliage of this new class of Nasturtiums is very distinct and pleasing in its variegation. The color of the foliage is pea green, spotted and blotched with pure white, making an attractive looking background for its various colored flowers, which range from bright scarlet to rose-pink and creamy white; many of them being blotched and splashed with different shades. Pkt. 10 cts., oz. 20 cts.

Vesuvius. Salmon rose, dark foliage. Pkt. 5 cts., oz. 20 cts.

Mixed. This is one of the finest mixtures of Climbing Nasturtiums on the market; it includes besides the various colors in this class, the popular strains of Mad. Gunther Hybrids, Lobbs and Chameleon. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

NICOTIANA (Sweet Scented Tobacco Plants)

Affinis. This is the pure white form and is very popular. Pure white, sweet-scented, star-shaped flowers. Pkt. 5 cts.

Hybrida Mixed. This type has large star-shaped flowers in a great variety of colors. If the plants are taken up in the fall, cut back and potted, they will bloom nicely in the house during the winter. 2 to 3 feet. Mixed colors. Pkt. 5 cts.

NIGELLA

Miss Jekyll. Curious looking flowers with finely cut foliage. Flowers are corn-flower blue, well set off by the feathery, green foliage which entirely surrounds them. Especially good for bouquets. Pkt. 5 cts.

**Nigella****Queen Hybrids**

PANSIES

Pansies produce larger flowers and are at their best during the cool weather. The seed may be sown in the hot-bed, in boxes in the house or in the open ground. Plants from seed sown in the spring will bloom that summer, while fall sown seed, slightly protected during the winter, will produce an abundance of flowers the following spring.

SUPERB GIANT PANSIES ©

Adonis. Light blue, with white center. Pkt. 10 cts.

Andromeda. Lavender and pink. Orchid flowered. Pkt. 20 cts.

Beaconsfield. Deep purple violet, shading to lavender and white. Pkt. 10 cts.

Black. Jet black. Pkt. 10 cts.

Mad. Perrett. Edge of petal is frilled. The colors are dark wine, pink and red, beautifully veined, and all with a white margin. Extra large flowers. Pkt. 10 cts.

Masterpiece. Distinct in form of flowers, the border of each petal being conspicuously curled or waved, giving the flower a double or globular appearance. Choice mixed colors. Pkt. 15 cts.



Pansies

Purple. Giant, long stemmed flowers of a rich dark purple color. Pkt. 10 cts.

President McKinley. The ground color is a deep golden yellow, while each petal has a large blotch of rich dark violet, leaving a clearly defined broad edging of "pure gold." Pkt. 15 cts.

Ruby. Superb red. Pkt. 15 cts.

Striped. Beautifully striped and blotched, of various colors. Pkt. 10 cts.

White. Extra large, pure white flower. Pkt. 10 cts.

Yellow. Large, pure yellow. Pkt. 10 cts.

Superb Giant Mixed. An extra fine mixture of Giant Pansies, including all of the above together with Odier, Cassiers, Bugnot, and Trimardeau selections. Pkt. 10 cts., 3pkts. 25 cts., $\frac{1}{4}$ oz. \$1.75.

EXCELSIOR PANSIES

Mixed. This is a class of large flowered Pansies especially adapted for bedding purposes. Pkt. 5 cts., six pkts. for 25 cts., $\frac{1}{4}$ oz. \$1.25.



Perennial Peas

PERENNIAL PEA

These rampant vining Peas are of easy cultivation, producing very showy flowers, ranging in color from white to rose and purple. Sometimes known and sold as Everlasting Sweet Pea. Quite hardy and not particular as to soil. Splendid for covering rocks, stumps, walls.

White. Pkt. 10 cts. **Pink.** Pkt. 10 cts. **Red.** Pkt. 10 cts.

Mixed. Pkt. 10 cts.

PENTSTEMON

Herbaceous plants, with long spikes of rich colored flowers from May until frost. Will bloom the first season if sown early in a hot bed and planted out as soon as frosts are over.

New Large Flowering. The numerous Gloxinia-shaped flowers are borne on long stems. The colors are white, pink, rose and crimson, many being spotted and margined with a contrasting color. Hardy perennial. Choice mixed. Pkt. 10 cts.



Pentstemon
(Large Flowering)



Petunia—Large flowered, Double and Single

PETUNIA

GIANT DOUBLE FLOWERING PETUNIAS

While a fair per cent of Double Petunia seed will produce double flowers, some will not, but the single ones will be richly colored and finely marked. The seedlings, which appear weak and sickly at first, generally produce good strong plants in the end, often double, and the finest flowers. We consider this one of the finest mixtures of Double Petunias ever offered. It is composed of the best and largest flowered strains grown. **Choice Mixed.** Pkt. 30 cts.

SINGLE LARGE FLOWERING PETUNIAS

Fringed. (Fimbriata.) A strain of beautifully fringed flowers. Colors rich and brilliant. Pkt. 15 cts.

Giant Ruffled. The flowers of this strain are ruffled and fringed, colors rich and gorgeous, with charming deep throats of various shades. Fine mixed. Pkt. 20 cts.

Giant of California. Choicest mixed seed saved from show flowers. Very large. Pkt. 15 cts.

SINGLE BEDDING PETUNIAS

Howard's Star. A clear purple with a distinct white star filling throat and extending to edge of petals. Pkt. 10 cts.

Rosy Morn. Of compact, bushy growth, fifteen inches in height and about the same in diameter, and are covered through the entire season with open-throated flowers one and one-half inches in diameter. Throat silvery-white, outer edge heavily shaded soft rose-pink. Pkt. 10 cts.

Single Pure White. A desirable variety where a pure white is desired for beds and borders. Grow 10 to 15 inches high, very free blooming. Pkt. 10 cts., ¼ oz. 35 cts.

Finest Striped and Blotched. Mixed. Pkt. 10 cts.

Single Fine Mixed. Pkt. 5 cts.

PLATYCODON (Balloon Flower)

Curious shaped flowers in blues and whites. The unopened buds curiously resemble miniature balloons. Hardy perennial, 2 to 3 feet. Seed sown in early spring will bloom the next August. **Mixed colors.** Pkt. 10 cts.

PORTULACA

There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of brilliant colored Portulacas. They thrive best in a rather rich, light loam or sandy soil, and an exposed sunny situation. Half-hardy annual.

Double Mixed. Double Portulaca are apt to revert back to the single. This strain produces a large per cent of double flowers which are exceptionally large and in a wide range of colors. Pkt. 10 cts.

Single Mixed. A fine mixture of all the colors. Pkt. 5 cts.

PRIMULA OBCONICA

Grandiflora Hybrida. The flowers are in a variety of colors, it is fine for pot culture, also for the open border during the summer months. If sown early in the spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. Pkt. 15 cts.

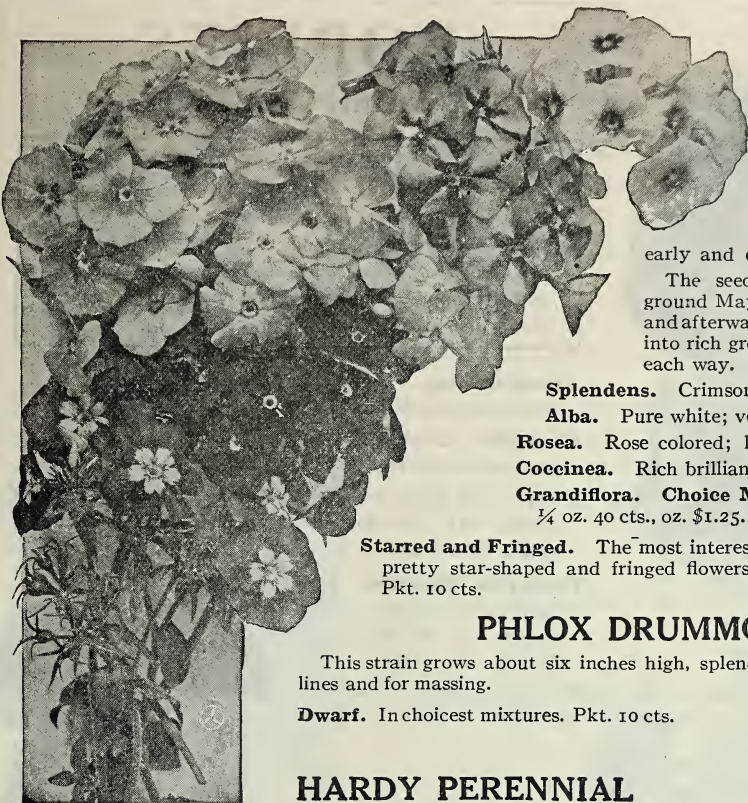
PRIMROSE (Chinese Fringed)

The Chinese Primrose is one of the finest plants for winter and spring blooming in the house or conservatory; they do well in a cool room and in a north window where most other plants fail; in bloom all winter. Greenhouse perennials.

Choicest Mixed Colors. Pkt. 20 cts.



Double Portulaca



**Phlox Drummondii
Grandiflora**

Perennial Phlox is one of the show features of our nurseries. Our seed is saved from a magnificent collection, embracing all the new and standard sorts of every color.

Finest Mixed. Every color, unsurpassed in quality. Pkt. 10 cts.

PHLOX

DRUMMONDI GRANDIFLORA ©

For a splendid mass of colors and a constant display, this is not excelled by any other annual, commencing to bloom quite early and continuing until severe freezing.

The seed may be planted in the open ground May 1st or in hot bed or house earlier, and afterwards transplanted to where wanted into rich ground, eight to ten inches apart each way. Hardy annuals; one foot.

Splendens. Crimson with white eye. Pkt. 10 cts.

Alba. Pure white; very large. Pkt. 10 cts.

Rosea. Rose colored; large white eye. Pkt. 10 cts.

Coccinea. Rich brilliant scarlet. Pkt. 10 cts.

Grandiflora. Choice Mixed, all colors. Pkt. 5 cts.,
¼ oz. 40 cts., oz. \$1.25.

Starred and Fringed. The most interesting of the Phlox family, bearing pretty star-shaped and fringed flowers, rich in colors. Choice mixed. Pkt. 10 cts.

PHLOX DRUMMONDI NANA

This strain grows about six inches high, splendid for pot culture or for ribbon lines and for massing.

Dwarf. In choicest mixtures. Pkt. 10 cts.

HARDY PERENNIAL PHLOX ©

PINKS (Dianthus) ©

ANNUAL VARIETIES

Snow Queen. (Double White Japan.) One of the prettiest of white cut flowers. Pkt. 5 cts.

Heddewigii Flore Pleno Fireball. (Double Scarlet Japan.) Pink. Flowers brilliant scarlet. Pkt. 5 cts.

Heddewigii Flore Pleno. (Double Japan Pink.) Flowers large and double; many of them finely fringed; choice mixed. Pkt. 5 cts.

Chinensis fl. pl. (Double China Pink.) The colors are rich, and you hardly find two alike. Pkt. 5 cts.

Double Choice Mixed Mixture. Of all the above double annual varieties. Pkt. 5 cts., ¼ oz. 20 cts.

Single Choice Mixed. All single annual varieties. Pkt. 5 cts., ¼ oz. 20 cts.

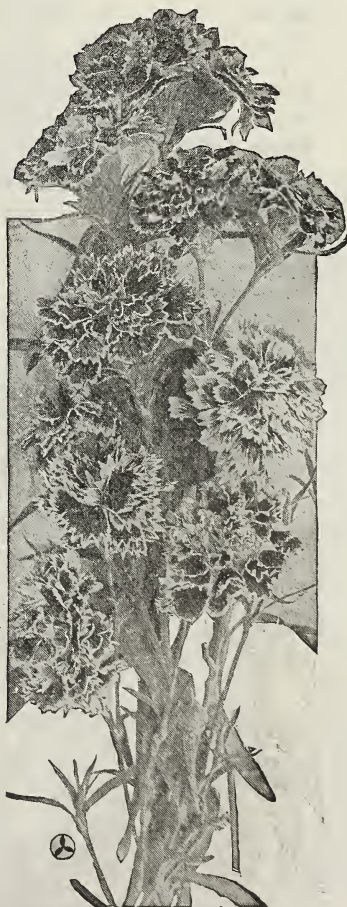
PERENNIAL VARIETIES

Plumarius, fl. pl. Hardy perennial sweet scented garden Pinks. Double mixed. Pkt. 10 cts.

PYRETHRUM

Roseum Hybridum. Showy, hardy perennials, blooming the first season if sown early. They grow two feet high. The foliage is fine. The flowers are large and in color white, rose, crimson and scarlet. A fine cut flower.

Double Mixed. © Pkt. 25 cts. **Single Mixed.** © Pkt. 5 cts.



Pinks

POPPIES

ANNUAL VARIETIES



Shirley Poppy

Shirley. The most beautiful strain of the entire Poppy family. The colors range from bluish white through many tints to bright crimson. Mixed. Two and one-half feet. Pkt. 5 cts.

Paeony Flowered. Choice mixed. Pkt. 5 cts.

Double Mixed. Annual varieties. Pkt. 5 cts.

Single Mixed. Annual varieties. Pkt. 5 cts.

PERENNIAL POPPIES

For permanent beds these brilliant large flowering hardy Poppies stand unrivaled; the flowers average six inches across, and are simply grand when in bloom, the plants are robust growers three to four feet high. They do not bloom the first year from seed, but will last for years, improving continually.

Bracteatum. Crimson, black spots in center. Pkt. 5 cts.

Oriente. Orange scarlet. Pkt. 5 cts.

Large Flowered. Mixed. Pkt. 5 cts.

Iceland. (Papavar Nudicaule.) Flowers two to three inches in diameter. Sown early in spring will commence blooming in June and continue until cold weather if not allowed to bear seed. Choice mixed colors. Pkt. 5 cts.



Ricinus

FLANDERS' POPPY

This is the well known Poppy of "Flanders' Fields" so often mentioned in songs and stories of the great war. Profusely blooming medium sized flowers, bright scarlet in color. Very showy when planted in masses. A bed of these Poppies forms a glowing memorial to our heroes. Pkt. 5 cts., $\frac{1}{8}$ oz. 20 cts., oz. \$1.25.

American Flag. Flowers extra large, double, snow-white, with each petal bordered with scarlet. Pkt. 5 cts.

Snowdrift. Flowers large, double and as round as a ball; pure white, with fringed petals. One of the best. Pkt. 5 cts.

Tulip. The flower resembles a Tulip. The color is intense scarlet, with deep black spots appearing at the base of each petal. Pkt. 5 cts.

Carnation Flowered. Brilliant, large, showy, double flowers of various colors. Mixed. Pkt. 5 cts.



Tulip and Paeony Flowered Poppies

RICINUS (Castor Oil Plant)

TENDER ANNUAL

This plant has enormous leaves beautifully lobed. Planted singly it makes a perfect pyramid, thickly set with its broad palmate leaves; a large group of them gives a fine tropical effect. Sow in hot bed and transplant when three leaves have formed, or sow in ground where they are to grow.

Sanguineus. Tall, with reddish stalks. Large ornamental reddish purple leaves. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

Zanzibarensis, Mixed. Robust strong grower, foliage green and red. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

SALVIA

(Scarlet Sage)

This very popular plant is a tender perennial, but should be treated as an annual. Its beautiful flaming spikes of blossoms will add more to a border than any other plant, and where a brilliant scarlet is wanted it is unsurpassed.

Clara Bedman. (Bonfire.) It grows about two feet high and as many broad and very compact. Its long spikes of fiery scarlet flowers stand up stiff and erect well above the foliage. Pkt. 10 cts.

Drooping Spikes. This large flowering variety has three times the flowering capacity on each spike of the ordinary *Salvia Splendens*. The flowers are produced in great numbers causing the spikes to droop by their own weight. Pkt. 10 cts.

Splendens. One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from one and one-half to three

feet in height and are completely covered with showy sprays of bright scarlet flowers. Pkt. 5 cts.

King of the Carpets. A very dwarf free flowering type; splendid for beds and borders. Pkt. 15 cts.

Zurich. A dwarf variety with long spikes of brilliant scarlet flowers. It is free blooming, and a desirable addition. Pkt. 10 cts.

SALPIGLOSSIS

The colors are marbled and penciled purple, scarlet, crimson, yellow, buff, blue and almost black. Many of the flowers have the appearance of being sprinkled with gold dust. Bloom from August to October. Produced on long stems making an ideal cut flower. Very easily grown. Half - hardy annual; 2 feet.

Emperor. Choice mixed. Pkt. 5 cts.

SCABIOSA

(Mourning Bride or Sweet Scabiosa)

One of the handsomest summer border plants, producing in great profusion splendid flowers for table bouquets, etc. Hardy annual; 2 to 3 feet. **Double.** All colors mixed. Pkt. 5 cts.

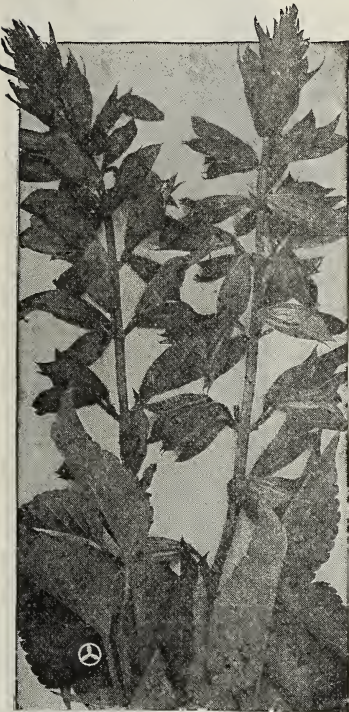
SMILAX

(*Myrsiphyllum Asparagoides*)

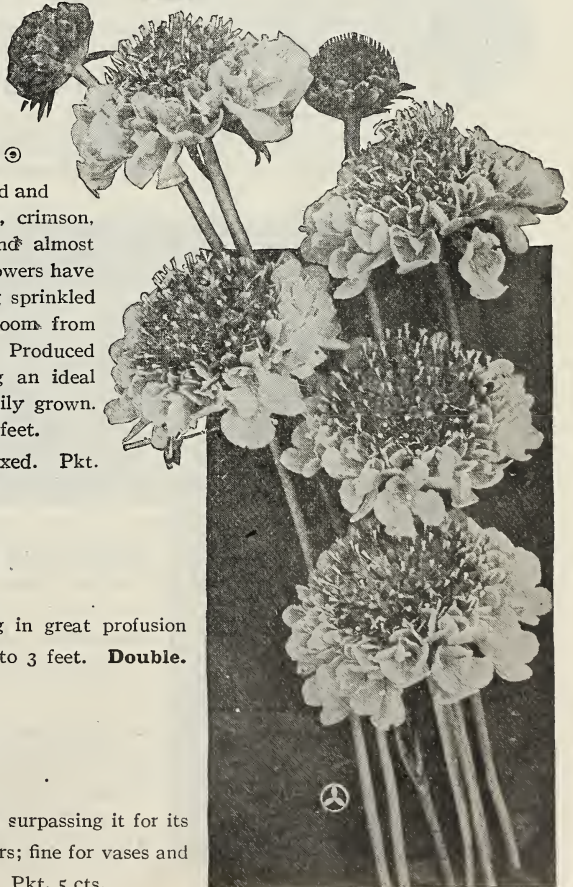
A graceful tuberous rooted, tender perennial climber, none surpassing it for its glossy deep-green, most delicate foliage and small white flowers; fine for vases and baskets. Soak the seed 24 hours before sowing; 6 to 10 feet. Pkt. 5 cts.



Salpiglossis
Emperor



Salvia Zurich



Scabiosa (Mourning Bride)

**Schizanthus**

Sow in hot beds or boxes during March and April, transplanting to boxes or pots; when weather is suitable transplant to open ground, about one foot apart, for early flowers. Sow in open ground in May. Plants may be lifted in fall and potted up for winter blooming indoors.

LARGE FLOWERING DOUBLE TEN WEEKS

The Ten Weeks Stocks bloom from 10 to 12 weeks after being sown; grow from 6 to 18 inches high, and in light, rich soil bear an immense quantity of bloom, each plant forming a perfect bouquet of delightful fragrance. Half hardy annual.

**Stokesia**

SCHIZANTHUS

(Butterfly Flower) ©

These annuals produce a wealth of beautiful flowers, very dainty and of many colors, spotted, blotched, veined, orange, purple, etc. Fine for pot plants and very easily grown from seed. Sometimes sold and known as the Butterfly flower.

Hybridus Grandiflora. Choice mixed. Pkt. 5 cts.

Wisetonensis. One of the finest large-flowered sorts, colors ranging from pink with brown center to white, yellow center. Excellent for pot plants. Pkt. 10 cts.

STOCKS (Gilly Flowers)

Stocks leave little to be desired in general usefulness of a flower of its type. They are very easy to grow and have splendid foliage and beautiful fragrant blossoms in a wide range of colors, that are produced in lavish profusion throughout a long season. A very useful bedding and pot plant.



**Large Flowering
Ten Weeks Stocks**

Princess Alice. (Cut and Come Again.) A valuable cut flower variety of the perpetual blooming type. Double pure white. Pkt. 10 cts.

Double Dwarf Mixed. Early flowering; a choice assortment. Pkt. 5 cts.

Double Giant Perfection Ten Weeks. Tall, late flowering class. Choice mixed. Pkt. 5 cts.

WINTER STOCK

Brompton. Blooms well in winter; flowers very fragrant. Half-hardy biennial; one and one-half feet high. All colors mixed. Pkt. 10 cts.

STOKESIA (Stokes Aster)

A splendid perennial for garden culture. Splendid in beds or borders. Its ease of cultivation should make it very popular. Blooms first year from seed.

Cyanea. Showy deep lavender blue, aster-like flowers, produced in clustered heads from early June till late in the fall. Pkt. 10 cts.

Alba. A new sort, identical with Cyanea, except in color, which is a pure white; very desirable. Pkt. 10 cts.

SWEET PEAS®

To succeed best they should be sown as soon as the ground can be worked in the spring. Good soil thoroughly mixed with well rotted manure dug to a depth of one foot or more will give splendid results; when well up give brush or strings to support them. May also be sown late in fall about middle of November and will bloom earlier. They commence to bloom early, and if the flowers are picked as soon as they fade will continue all summer.

SPENCER TYPE or ORCHID FLOWERED

A distinct race of beautifully waved and frilled flowers of enormous size.

COLLECTION OF NINE SUPREME SPENCERS

See colored illustration inside Front Cover.

Out of our large assortment of named Sweet Peas, we have selected nine which we consider supreme for size of flower and richness of color. Each sort is a distinct separate shade; are beautifully waved and frilled. This collection is made up of the nine separate colors illustrated. One full sized packet of each variety postpaid for 65 cts.

Asta Ohn. A giant frilled lavender. The long erect stems usually carry four of the enormous flowers. Color soft and pleasing. Pkt. 10 cts., oz. 30 cts.

Apple Blossom Spencer An exact reproduction of Apple Blossom color, and having the splendid wavy blossoms of the Spencer type. Pkt. 10 cts., oz. 30 cts.

Captain of the Blues. A true blue Spencer, very large. Pkt. 10 cts., oz. 30 cts.

Dobbie's Cream. This is the best Cream Spencer offered to date. Large waved flowers of pleasing color. Pkt. 10 cts., oz. 35 cts.

Countess of Spencer. The original of the Spencers. Standard finely waved, clear pink wings. Pkt. 10 cts., oz. 30 cts.

Empress Eugenie. The color is a delicate tone of light gray, flaked with light lavender. The flowers are of large size beautifully waved and crimped. A vigorous grower and very free bloomer, throwing a large proportion of four-flowered sprays. Pkt. 10 cts., oz. 35 cts.

Fiery Cross. This variety, a fiery red, has the appearance in the light of glowing like living fire. The standard is a fiery red or rich crimson, while the fluted

wings are a rich cherry orange. Fiery Cross is not damaged by exposure to the sun's rays. Pkt. 10 cts., oz. 40 cts.

Florence Morse. A dark pink Spencer. Pkt. 10 cts., oz. 30 cts.

Florence Nightingale. A magnificent lavender. Standard and wings large and well waved. Pkt. 10 cts., oz. 30 cts.

Geo. Herbert Spencer. A new Spencer, bright rosy carmine in color. Pkt. 10 cts., oz. 30 cts.

Helen Lewis. A true orange Spencer. Pkt. 10 cts., oz. 30 cts.

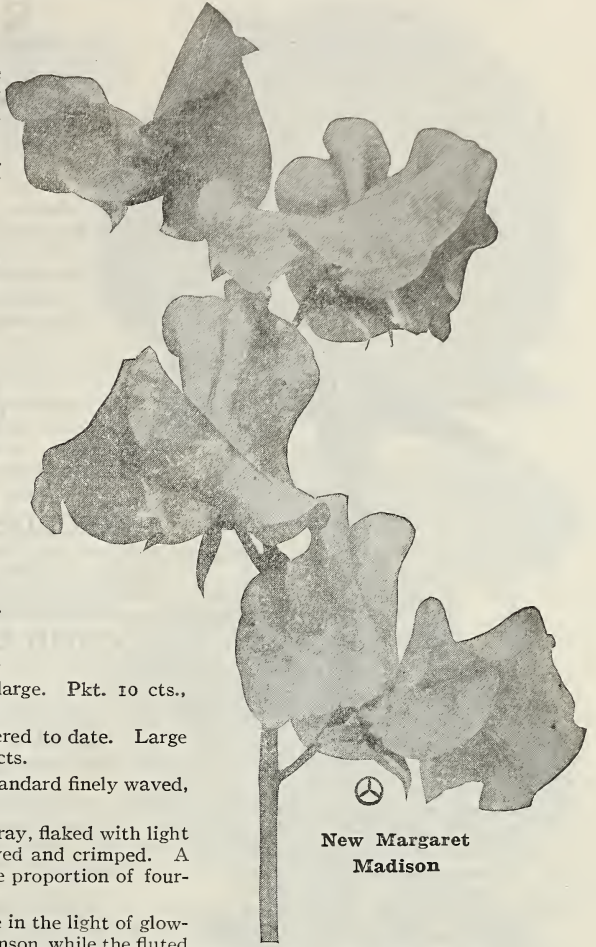
Illuminator. One of the most charming combinations of color yet seen in Sweet Peas. The ground color is a warm salmon-orange with bright cerise-pink. Flowers, which are placed on long stout stems, are expanded and beautifully waved. Pkt. 10 cts., oz. 30 cts.

King White. The white is pure and opaque; stems long, bearing almost uniformly fours; immense petals of finest frilled type. In strength of vine, size of flower, frilled form and finish, it is truly "king." Pkt. 10 cts., oz. 35 cts.

King Edward VII Spencer. The grand carmine, scarlet flowered Spencer. Flowers are deeply frilled. Pkt. 10 cts., oz. 35 cts.

Masterpiece. Lavender, one of the finest. Immense large flowers almost always borne in fours. Pkt. 10 cts., oz. 35 cts.

New Margaret Madison. A large perfect Spencer of delicate azure hue. The newly opened flowers show a tint of mauve changing until fully expanded flowers are a clear light lavender. Pkt. 10 cts., oz. 35 cts.



**New Margaret
Madison**



**King
White**

SWEET PEAS

(SPENCERS)



Wedgewood

New Miriam Beaver. This is one of the most pleasing and daintiest shades of pink among all the Sweet Peas. The color is a soft salmon-pink on a cream ground. The flowers are usually borne in fours, large and nicely waved, many duplexed, gracefully placed on long stiff stems. Pkt. 10 cts., oz. 30 cts.

Othello. A magnificent maroon Spencer. Pkt. 10 cts., oz. 30 cts.

Primrose Spencer. A very long stemmed clear primrose yellow. Pkt. 10 cts., oz. 35 cts.

Vermilion Brilliant. A brilliant scarlet. Bold standard, splendidly waved. Pkt. 10 cts., oz. 30 cts.

Wedgewood. A beautiful unique shade of Wedgewood blue. A profuse bloomer of large sized flowers which are beautifully waved. It is a color long wanted and is in much demand. Pkt. 10 cts., oz. 35 cts.

White Spencer. It has a very large fluted and crinkly standard. Flowers borne three and four on long stems. Pkt. 10 cts., oz. 30 cts.

Spencer Mixed. All varieties. Pkt. 10 cts., oz. 25 cts., 2 oz. 40 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

ECKFORD'S GRANDIFLORA STRAIN

These splendid Peas while not waved and crimped as Spencers, are indeed fine. Many blossoms are as large as the finest Spencers. This splendid mixture comprises all shades and colors in well balanced proportions.

Eckford's Grandiflora Mixed. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

CUPID OR DWARF SWEET PEAS

These grow only about six to eight inches high, with flower stems about six inches long, which bear three and four blossoms each, of delicious fragrance.

Cupid Mixed. A fine mixture. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

EARLY FLOWERING SPENCERS

Fully as large flowered as the other Spencers, come into bloom from two to three weeks earlier and flower throughout a long season.

Asta Ohn. Large lavender, the flowers are usually borne in fours, finely waved and frilled. Pkt. 15 cts.

Early Heatherbell. Upon first opening this is a pleasing mauve, but after being cut and stood in water a short time changes to a beautiful mauve lavender. Pkt. 15 cts.

Helen Lewis. One of the most pleasing shades found among the Sweet Peas. In rich orange and orange-crimson. Pkt. 15 cts.

Meadow Lark. Large waved flowers and a dainty shade of cream. Pkt. 15 cts.

Morning Star. An early large Orchid flowered type, orange scarlet color. Pkt. 15 cts.

Mrs. A. A. Skach. Flowers bright shell pink, beautifully waved, frilled. Flowers usually borne in fours. Pkt. 15 cts.

White Sankey. A magnificent black seeded white. Pkt. 15 cts.

Yarrawa. Very large frilled flowers borne upon strong, erect stems. Color at first is rose, changing later to a clear pink; wings are blush tinted with buff. Pkt. 15 cts.

SUNFLOWER (Helianthus) ©

Purpureus. (New Red Sunflower.) This novelty makes a striking appearance and should be in every garden. The flowers of good form and unusual beauty come in various shades of red and red margined with yellow and range from two to five inches in diameter. Plants grow from five to eight feet high, branch freely and are covered with blossoms. Makes an excellent plant for screens or hedges and provides a valuable cut-flower. Pkt. 10 cts.

Double Chrysanthemum Flowered. Grows about six feet high and blooms profusely. The perfectly double flowers are bright yellow, of different sizes, from three to six inches in diameter. Pkt. 5 cts., oz. 25 cts.

Cut and Come Again Sunflower. (The Ever-Blooming Type.) The single flowers, three to four inches across, are borne on long stems admirably adapted for vases. Choice colors in mixture. Pkt. 5 cts.

Large Russian. A very tall growing double variety; 10 to 15 feet. The seed used for poultry. Oz. 5 cts., $\frac{1}{4}$ lb. 15 cts., lb. 45 cts.



New Red Sunflower



**Wild
Cucumber**

Signata Pumila. A showy, dwarf, compact, little Marigold, fine for borders and edging beds. Rarely grows 12 inches high and has delicate fern-like foliage. Covered all summer with a wealth of golden-yellow flowers. Pkt. 5 cts.

THUNBERGIA

Beautiful rapid-growing climbers, fine for vases, rustic work or greenhouse culture. Half-hardy annuals; five feet. Fine mixed. Pkt. 5 cts.



Verbena

MAMMOTH FLOWERED VERBENA

In good soil, the Verbena, as an annual creeper, produces abundant foliage and is literally covered with the large umbels of brilliant blossoms. For early blooms sow in boxes and transplant into rich soil fifteen inches apart. May be sown in April in the open and thinned.

This choice strain has large flowers of very brilliant colors.

Pink. Pkt. 10 cts.

Scarlet. Pkt. 10 cts.

White. Pkt. 10 cts.

Blue and Purple Shades. Pkt. 10 cts.

Mixed. All shades. Pkt. 10 cts., 1/4 oz. 25 cts.

WALL FLOWER

Deliciously fragrant and combine many shades of color; the orange, purple and chocolate predominating; tender perennial, one and one-half feet.

Double Mixed. Pkt. 10 cts.

Single Mixed. Pkt. 5 cts.

WILD CUCUMBER

A climber which reaches a height of 30 feet in one season. It is covered with clusters of white sweet-scented flowers followed by an abundance of ornamental seed pods. Hardy annual. Pkt. 5 cts., oz. 15 cts.

SWEET WILLIAM® (*Dianthus Barbatus*)

There is perhaps no flower more favorably known than the Sweet William. Hardly any garden is considered complete without its planting of Sweet Williams. They are easily grown from seed and produce a wonderful array of color. Perfectly hardy.

Mixed Single. Very fine. Pkt. 5 cts.

Mixed Double. Perfectly double, and a great variety of colors. Pkt. 5 cts.

Harlequin. Each head of different colored florets, crimson, white, pink, flesh and striped. Pkt. 5 cts.

ANNUAL SWEET WILLIAM

Choice Mixed. These are almost identical with the perennial varieties in form of flower, but are annuals, blooming the same year the seed is sown. Makes an excellent bedding or border plant, besides a good flower for cutting. Pkt. 5 cts.



Sweet Williams

**Zinnia Picotee**

ZINNIA®

Few flowers are so easily grown from seed sown in the open ground, or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. During the month of August, Zinnias are incomparably bright. We recommend them for groups, beds, borders and summer hedges. Sow seed in the open ground early in spring. Height, 1½ to 2 feet.

NEW GIANT ZINNIA PICOTEE

This novelty is the most attractive thing in all the race of Zinnias. The flowers are of the Giant type, each petal distinctly tipped with a darker shade as in Picotee Carnations. They come in a variety of colors, including Orange, Flesh, Lemon, Pink and Cerise, each with the peculiar marking on tips of petals. This is an odd yet wonderfully beautiful Zinnia. We offer in mixture only, cannot supply separate colors.

Picotee Mixed. Pkt. 25 cts.

Double Pompon. Flowers small and of good shape; double and of beautiful form; fine for bouquets. Fine mixed colors. Pkt. 5 cts.

Curled and Crested. The flowers of this fine class of Zinnias are large, full and double, the petals being twisted, rendering them free from stiffness. A variety of splendid colors. Pkt. 5 cts.

Zebra. Flowers of all colors, many of which are striped and spotted with different shades, hardly any two alike. Mixed colors. Pkt. 5 cts.

GIANT FLOWERED DOUBLE ZINNIAS

These are not to be confused with the common or small flowered strains, as they are a distinct race of truly giant flowered Zinnias. (See inside cover for special collection.)

Giant Flowered Crimson. A rich shade. Pkt. 10 cts.

Giant Flowered Orange. Pure orange. Pkt. 10 cts.

Giant Flowered Pink. Clear light pink. Pkt. 10 cts.

Giant Flowered Purple. Clear deep purple. Pkt. 10 cts.

Giant Flowered Scarlet. A flaming red. Pkt. 10 cts.

Giant Flowered White. Pure snow white. Pkt. 10 cts.

Giant Flowered Mixed. A splendid mixture of all of the above and others. Pkt. 10 cts., ¼ oz. 25 cts.

STORRS & HARRISON CO.'S "COLOR RIOT" Wild Garden Mixture

Many of our customers desire to have a wild garden with all kinds of flowers in it. And others have only a small plot and don't know what to plant. For these customers we have prepared a mixture of all desirable annuals, for effect the first year. For those that desire a permanent "Wild Garden," our "Color Riot" Perennial Mixture is recommended. Either mixture is just what the name implies—a veritable riot of color.

"Color Riot" Annual Mixture. Contains a mixture of hundreds of free flowering annuals that will give amazing effect the first year. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

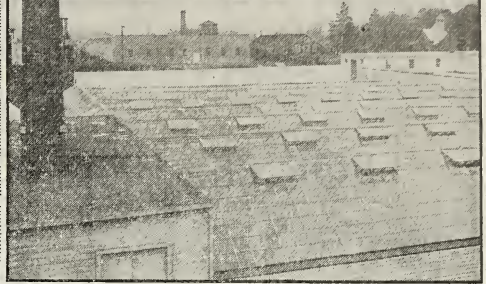
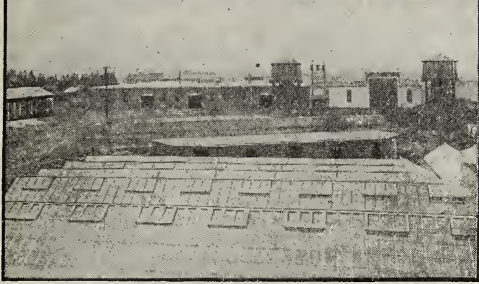
"Color Riot" Perennial Mixture. A splendid mixture of permanent flowers, all free flowering and very desirable. Pkt. 10 cts., oz. 35 cts.



**Zebra and
Giant Scarlet Zinnia**



PLANT DEPARTMENT



THIS DEPARTMENT embraces the output of 45 large greenhouses, numerous up-to-date propagating frames and more than 25 acres of land. It embraces a great assortment of Summer Bedding Plants, Flowering House Plants, Decorative Plants, Vining Plants for boxes and baskets, Summer Flowering Bulbs, Tender Roses, Aquatic Plants and a splendid collection of Hardy Perennial Plants. In a few things—such as Flowering Begonias, Fuchsias, Ferns and Palms—we have probably the largest and most complete stocks in the country. In all other kinds and varieties, our supply is commensurate with our trade requirements as

THE LEADING DEPARTMENTAL NURSERY OF AMERICA.

PRICES. All prices listed under this department are priced for delivery by mail, postage prepaid—unless otherwise specified. Express shipments are not prepaid.

Shipment by Mail. To reduce weight and volume, all pot plants are shipped without pots, and with most of the dirt knocked off. Various kinds of plants cannot be safely mailed, and are specially excepted following their descriptions. Mail service is generally prompt and satisfactory for any distance if weight is not too great to allow sufficient packing for preservation of the stock.

Shipment by Express. The heavier plants are selected; nearly all the soil is retained; adequate packing material used and substantial cases or containers are furnished free—on deliveries by express. In many cases a special and lower price is quoted for express orders.

No Plants by Freight. The slowness and uncertainty of freight service make its use very impracticable and unsafe for all tender plants and perennials. If such stock is ordered shipped in this way, customer must assume entire risk of loss or damage.

We Guarantee Safe Arrival. Shipments of stock listed under Plant Department, by mail or express, are guaranteed to reach destination in good condition. We should be advised if delivery is not made within a reasonable time after notification is mailed from this office. Examine stock carefully upon arrival, and report **promptly** any items damaged or in poor condition, both to us and to the delivering Express company. After safe delivery in good condition, we do not assume responsibility for future growth or failure.

IN ADDITION to our greenhouse equipment, we have an ample complement of first class, up-to-date propagating and storage frames and commodious assembling, packing and storage rooms. On account of government embargo, all nurseries are temporarily without any supply of imported stock, such as Azaleas, Boxwoods, Bay Trees, Tree Roses, etc.

A mammoth new Rose cellar, built to cover the results of many years experimenting, keeps our field grown Roses dormant and in fine condition until planting time. If “preparedness” in the matter of competent equipment, regardless of expense, has any practical virtue, the patrons of our Plant Department should receive the best service and conditioned stock obtainable in this country.

CIRCULAR BED PLANTING TABLE

We receive so many inquiries as to number of plants required for beds of various sizes, the following table is offered to furnish such information. If plants are to be 6 inches apart, commence outside row 3 inches from edge of circle; if 12 inches apart, then 6 inches from edge, etc. It is important to make the outer rows compact, although the inner rows may be more openly spaced. The table below is for circular beds, but a square will require about the same number of plants. An oval bed may be compared to a diameter found by adding length to breadth and dividing by 2.

Diameter of bed.	Plants 6 in. apart.	Plants 12 in. apart.	Plants 18 in. apart.	Plants 24 in. apart.	Plants 30 in. apart.
3 feet	28	7			
4 "	48	12	6		
5 "	80	20	8		
6 "	112	28	13	7	
7 "	152	38	17	9	
8 "	200	50	23	12	
9 "	256	64	28	16	
10 "	320	80	36	20	13
11 "	380	95	42	24	16
12 "	452	113	50	28	18
13 "	528	132	59	33	22
14 "	612	153	68	39	25
15 "	704	176	78	44	28
16 "	804	201	89	50	32
17 "	904	226	100	57	36
18 "	1016	254	113	63	40
19 "	1132	283	126	71	46
20 "	1256	314	139	78	50

MAIL ORDER BARGAIN COLLECTIONS

OF PLANTS AT HALF PRICE—OUR SELECTION OF VARIETIES

These Bargain Collections are given prominence at the commencement of Plants, merely as a convenience to readers who are seeking such; and should not be considered as cheapening the dignity of valuable and distinctive products offered regularly on succeeding pages.

IN GETTING an order together and preparing it for shipment, there is a lot of work connected with the process which is just as expensive to us on a single plant as it would be for a dozen or many more. Hence, on orders for tens, dozens, or hundreds of a kind, we can afford to price at a much lower rate than for one or two merely of a kind. The following collections enjoy the price benefit of being assembled in large numbers at one time.

FOR 85c

We will send any one of the following plant collections, **post-paid**, thus giving about double the money's worth in every collection. Plants and bulbs used in filling these collections are not the cheapest varieties by any means. Many times we have a surplus of novelties and especially good varieties and these collections enable us to give our customers the benefit of our over-production.

Please Notice Conditions.

(1) Choice of varieties must be left to us, the purchaser simply mentioning the numbers of collections wanted.

(2) The prices of all collections are **NET**, except that we will send five collections for \$3.75.

- Set No. 1.. 10 Everblooming Roses, in 10 varieties.
- Set No. 2.. 5 Everblooming Roses and 5 Hardy Climbing
- Set No. 3.. 5 Baby Rambler Roses, 5 varieties. [Roses.
- Set No. 4.. 5 Wichuriana Roses and 5 Hardy Climbing
- Set No. 5.. 10 Grand Geraniums, double and single. [Roses.
- Set No. 6.. 10 Geraniums, all classes assorted.
- Set No. 7.. 10 Carnations, leading varieties.
- Set No. 8.. 7 Beautiful Fuchsias, 7 varieties.
- Set No. 9.. 8 Flowering Begonias, distinct sorts.
- Set No. 10.. 7 Large flowered Cannas.
- Set No. 11.. 10 Fine Chrysanthemums.
- Set No. 12.. 10 Bedding or Basket Plants, 10 varieties.
- Set No. 13.. 1 Caladium Esculentum, 4 Cannas and 12 Gladiolus.
- Set No. 14.. 30 Gladiolus, choice mixed, all blooming bulbs.
- Set No. 15.. 3 Violets, 4 Geraniums, 3 Carnations.
- Set No. 16.. 5 Roses and 5 Geraniums, all different.
- Set No. 17.. 5 Carnations and 5 Roses, all different.
- Set No. 18.. 4 Chrysanthemums, 3 Carnations and 3 Roses.
- Set No. 19.. 7 Choice Hardy Herbaceous Plants, 7 varieties.
- Set No. 20.. 5 Assorted Hardy Herbaceous Plants, and 5 Chrysanthemums.
- Set No. 21.. 4 Palms, choice varieties.
- Set No. 22.. 4 Dahlias, 4 varieties.
- Set No. 23.. 6 Hardy Ornamental Shrubs, 6 varieties.
- Set No. 24.. 6 Hardy Climbing Vines, 6 varieties.
- Set No. 25.. 6 Ferns in variety.

Abutilon

Golden Bell



ABUTILON (Flowering Maple)

Always popular for pot plants, for summer bedding or in vases and baskets. Their flowers are perfect bell-shaped, of various colors, in masses all summer.

Daydawn. Flowers bright daybreak pink. 15 cts.; \$1.50 per dozen.

Golden Bell. Tall growing, profuse in golden bloom.

Savitzi. A Japanese variety that is deservedly popular as a decorating plant. Its sharply variegated green and white foliage contrasting nicely with any other plants with which it may be placed.

Snowstorm. Flowers pure white.

Souvenir de Bonn. Deep green maple-shaped leaves, widely and irregularly bordered with creamy white. Very free flowering, with bright orange flowers, veined crimson. A very distinct variety.

Splendens. A beautiful deep red variety, dwarf.

Thompsoni. Flowers salmon-pink, foliage blotched with yellow.

Unless noted, 25 cts. each; \$2.50 per dozen.

ACHYRANTHUS

Thrive in any soil; are not easily killed by frost. They make intensely bright beds, and show off splendidly in borders to taller growing plants.

Herbsti. Transparent leaves of rosy carmine, intensely brilliant. A new form which has superseded Brilliantissima on account of the greater brilliancy of its color, and more compact and dwarfier growth.

Emersoni. Leaves of glittering garnet, reverse side purple wine-color; veins and stems carmine.

McNally. Red stemmed; bright, rich green with yellow arching veins. A robust grower.

15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.

**Acalypha Sanderi****ACALYPHA**

One of the popular types of bedding plants, combining various attractive leaf-formations with subdued, but none the less effective, coloring. They prove generally hardier than Coleus, and less liable to wilt during the hot, dry spells of the summer.

Bicolor Compacta. Large ovate leaves of deep green, bordered and heavily barred yellow. 25 cts.

Marginata. Very large, waxy leaves of olive brown, with a saw-toothed edge of old rose. 25 cts.

Sanderi. (Chenille Plant.) A bright, attractive variety, well known and popular for many years, but still considered a novelty. Foliage deep glossy green; the flowers being fuzzy, bright red, rope-like pendants, often 18 to 20 inches long, drooping from the axil of each leaf. They make showy specimen pot plants, and are very cheerful subjects for summer bedding. 25 cts. each, \$2.00 per dozen.

Triumphans. Crisp, pointed, ovate leaves of light red, fantastically marbled in darker shades; like an immense autumn leaf. 25 cts.

AGERATUM

Useful in all summer bedding schemes, as well as for baskets and vases. In fact, they are indispensable for these purposes on account of the serious lack of blue shades among bedding plants. They appear to greatest value as an edging or massed in liberal quantities.

Blue Perfection. Large clusters, bright blue with purplish shadings.

Blue Star. Bright blue, star shaped flowers in large clusters; even, dwarf growth.

Tapis Blue. Dark and showy.

White Cap. Pure white.

15 cts. each; \$1.25 per dozen. By express, \$8.00 per 100.

ALLAMANDA

Hendersoni. Magnificent flower-bells three to four inches in diameter; the richest, purest, waxiest yellow imaginable, and sweetly fragrant. Plant is strong growing, with a decided climbing tendency which makes it valuable for training on conservatory pillars and interior trellises. 25 cts. each; \$2.50 per dozen.

ALOYSIA CITRIODORA

The well known "Lemon Verbena," noted for its delightful fragrance of foliage. No garden is complete without it. 20 cts. each; \$2.00 per dozen.

ALTERNANTHERA

Bright, dainty little foliage plants extensively used for dwarf edging and for carpet bedding.

Aurea. Dense, fine leaved; bright yellow touched with green.

Brilliantissima. Rather broad leaves, bushy growth; mottled bronze and cream, but mostly bright red.

Carroll Park. Compact, slender leaved variety, showing a bright rose pink effect.

15 cts.; \$1.25 per dozen. By express, \$8.00 per 100.

AMARYLLIS

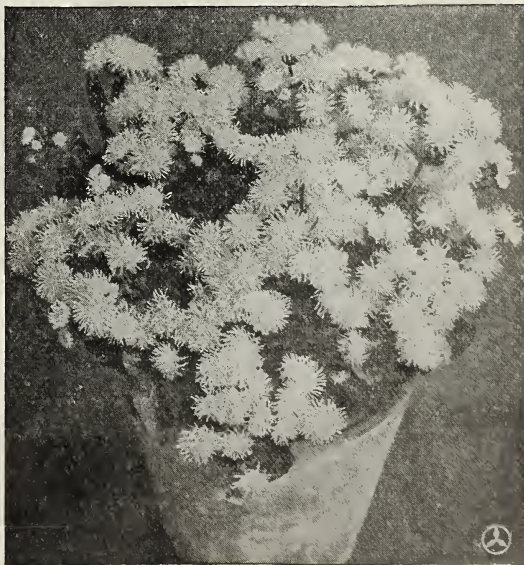
Valuable alike for house, conservatory or garden. For pot culture they should be well drained and potted in soil composed of leaf mold and light loam, although they grow well in any rich soil.

Formossissima. (Jacobean Lily.) Crimson velvet, flowering early in summer. 25 cts. each; \$2.50 dozen.

Johnsonii. Brilliant red flowers 5 inches in diameter, with a distinct white stripe in the center of each petal; very fragrant. 35 cts. each; \$3.50 per dozen.

Anthericum Mandaianum

A new variegated decorative plant, useful, when small, as center to jardinières. Larger plants are very attractive in porch boxes and hanging baskets. The leaves are only about six inches long, dark green, with a bright yellow center; the crest of each flower stem reproducing a new plant complete. 20 cts. each; \$.200 per dozen.

**Ageratum**

**Asparagus Plumosus Nanus**

ASPARAGUS

Brilliant dark green foliage plants, unquestionably the most used of any indoor trailing plants for bracketed pots, window boxes and hanging baskets.

Plumosus Nanus. The lace-like texture of its foliage outclasses Maiden Hair Fern for grace and daintiness; the long emerald sprays making a rich setting for cut flowers of all descriptions.

Sprengeri. Mostly used for hanging baskets where its long dense trails make a gleaming mass of green.

This variety is very effectively used in porch boxes and cemetery urns; with nothing else but a few scarlet Geraniums to nestle amidst its shiny verdure.

20 cts. each; \$2.00 per dozen.

4 inch pot plants 35 cts.; \$3.50 per dozen.

**Asparagus Sprengeri**

BEGONIAS

Few families of house plants are so entirely satisfactory in every way as the Begonias. They are rich in color and beautiful in design, and all classes are easily handled under any condition.

**Alba Picta
Rosea**

FLOWERING BEGONIAS

Alba Picta. Leaves glossy green, thickly spotted with silvery white; flowers white.

Alba Picta Rosea. Strong growing variety with long green leaves, spotted silver; flowers bright rose color.

Argentea Guttata. Purple bronze leaves, oblong in shape, with silvery markings; white flowers.

Erfordia. Grows in symmetrical, compact form, with shining green foliage, continually covered with clusters of rosy salmon flowers. 15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.

**Argentea Guttata**

BEGONIAS (Continued)

Corallina
Lucerna**Corallina Lucerna.**

A splendid upright, vigorous grower, with long leaves of spotted olive green, a bright wine-red beneath. Enormous trusses of perfect coral red flowers make this variety one of the showiest and most desirable kinds in cultivation. 30 cts.; \$3.00 per dozen.

Glorie de Chatelaine. A new, brilliant pink bedding sort almost perpetually in bloom.

Gracilis Luminosa. A magnificent new specimen of the Semperflorens type, with flowers large, perfect and plentiful, and never out of bloom. Color the brightest scarlet. 15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.

Nitata. Blooms in good sized clusters of large flowers; white, delicately flushed rose. 25 cts. each.

Otto Hacker. In a class by itself. A strong vigorous grower, of fine up-

right habit, with large shining deep green leaves eight to ten inches long. Flowers bright coral red, borne in immense clusters eight to ten inches across. 25 cts.

Prima Donna. A good bedding Begonia with large, free flowers of bright pink. 15 cts.; \$1.50 per dozen.

Rubra. The flowers are a rich coral red hanging in large pendant clusters. One of the best.

Sandersoni. A bushy growing variety, with glossy deep green leaves; flowers in drooping clusters of scarlet; buds are heart shaped.

Thurstoni. A beautiful stately plant with remarkably handsome, glossy foliage. The under side of the leaves is a rich, purplish red, the veinings very prominent, while the face or upper side is a bronzy green, shaded with crimson and olive, with a peculiar glossy metallic luster over all. Flowers rosy white in large clusters. 25 cts. each.

Warscewici. The old fashioned "beef steak" Begonia. Thick, rounded leaves of deep green, with red on reverse side. 25 cts. each.



Begonia—Otto Hacker

White Pearl. Very large, waxy white flowers; practically everblooming; growth rapid and bushy, 15 cts.; \$1.50 per dozen. By express, \$10.00 per 100. Unless noted, 20 cts. each; 8, our choice, for \$1.25.



Begonia—White Pearl

REX BEGONIAS

Rex Type



The broad leaves, high coloring and exquisite markings of Rex Begonias makes them invaluable as decorative plants for house culture. They make excellent plants for baskets and vases, if given plenty of moisture and not exposed to the full rays of the sun. We have an unusually good stock and variety this year.

Mixed varieties, varied colorings, 25 cts. each; \$2.50 per dozen.

BOUGAINVILLEA

Glabra Sanderiana. Large bell-shaped flowers of rosy crimson, borne profusely and very evenly all over the plant. Blooms when quite small and can be trained into almost any shape. An extremely vivid show may be secured by training large potted specimens into a globe shape. Set into ornamental jardinières, these make splendid floor decorations for large rooms or lobbies. Trained to run up and along the bars of a conservatory, this plant furnishes one of the showiest, richest, most colorful climbers to be found for indoor use. 2½ inch pots, 25 cts. Fine 4 inch pot plants, by express, 60 cts.

Wm. K. Harris. A handsome foliage variety; the clustered lanceolate leaves showing a sharply defined variegation of bright green and creamy white, in about equal proportions. Strong plants, 35 cts. each.

BROWALIA
"Blue Giant"

A conspicuous, handsome and very useful plant, with single flowers of deep indigo blue, fully two inches in diameter, blooming continually and completely enveloping the plant. Either for beds or pot plants; also useful to get blue into porch boxes and baskets. This is without doubt the most prolific and darkest colored of any summer flowering blue bedder. 20 cts.; \$2.00 per dozen.

CACTUS

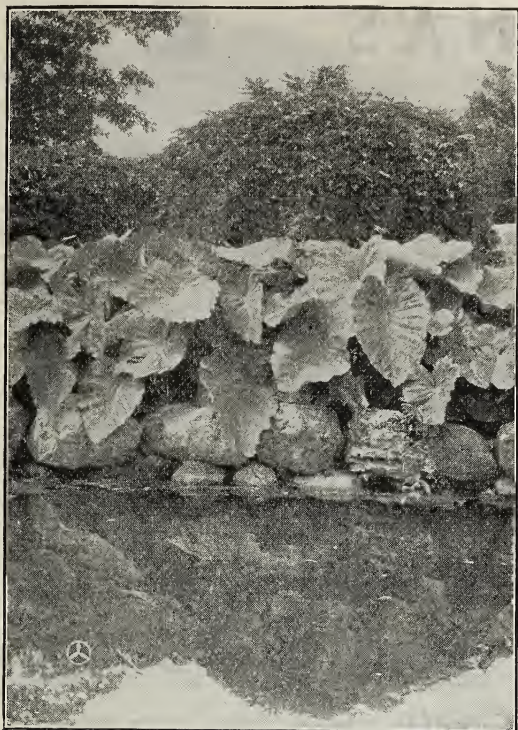
Growing to a single sturdy stem, the grafted tops spreading out horizontally with age, and with the drooping flowers, making a brilliant canopy above the pot.



Epiphyllum flowering crimson drooping flowers imens several carried between fact flowers at plants we offer ed plants with 12 to 15 inches drooping speci- sent by Express;

Truncatum. An early scarlet variety with long We have seen spec- years old, which 200 and 300 per- one time. The are strong graft- straight stem, high, making fine mens. Must be \$1.00 each.

Epiphyllum Makoyianum (In bloom for Easter). A beautiful variety of the Crab or Lobster Claw Cactus, with bright scarlet flowers of large size and unusually bright and showy. Must be sent by express; too large to mail. \$1.00 each.



"Elephant's Ear" planted in Rockery

FANCY LEAVED CALADIUMS

A class of beautiful variegated foliage plants, excellent for window boxes, vases or single pot plants, succeeding equally well in a somewhat shady situation out of doors. Among all foliage plants they are undoubtedly the showiest, reveling in many soft colors and indescribable beauties of design. After becoming well established, they require liberal watering coupled with adequate drainage. The bulbs should be started into growth about the first of April and dried off in October and kept in a warm and dry place until spring again. 20 cts. each; six for \$1.00.



Fancy Leaved Caladiums

CALADIUM ESCULENTUM

(Elephant's Ear)

For obtaining tropical effects in lawn and garden planting this beautiful plant takes a prominent place. Stands six to seven feet high, with bright green leaves three to four feet long and two and one-half feet wide. Should have plenty of water and good rich soil. Is a splendid adornment for the banks of fountains and lily ponds, or any rockery work where plenty of moisture is available.

	Each	Dozen	Dozen by Express
Extra large bulbs..	35 cts.	\$3.50	\$3.00
First size bulbs...	20 cts.	2.00	1.75
Second size bulbs..	15 cts.	1.50	1.00

CALLAS

The White Calla is rarely used except for house bloom but the hardier spotted-leaved variety, *Elliotiana*, is mainly used in the gardens for the beauty of its foliage as a border, and its delightful flowers for late summer cutting. The bulbs should be set out after danger of frost is past, and dug up again in the fall for drying off and winter storage.

Ethiopica. This is the well known and ever popular White Calla Lily whose chaste, waxen beauty has lent itself for generations to typify purity and sacredness. There is nothing to take its place in decorations for church functions, and its presence in the home is ever an inspiration. 35 cts. each; \$3.50 doz.



Spotted Calla "Elliotiana"

Elliotiana. Leaves dark green with creamy white spots; flowers a richly lustrous golden yellow. 25 cts.; \$2.50 per dozen.

The Godfrey Everblooming Calla. (New.) Flowers as large as the largest and outbloom the others three to one; pure white. Plant dwarf and compact. 25 cts. each; \$2.50 per dozen.



CANNAS



Of all summer bedding plants, Cannas are the tallest and bulkiest, and furnish the widest range of colors. Their foliage is of noble proportions, making a full compact mass which serves to conceal the ground or background, and is of itself attractive in rich shades of green, bronze, red and chocolate. The surmounting flower trusses are uniformly large and free, brilliant with most of the colors and combinations known among flowers.

Massed plantings in one color are recommended as being most effective; but many beautiful and striking combinations of colors may be arranged.

PLANTING DIRECTIONS

Soil, etc. Cannas will grow in any kind of soil and most any location, but to obtain fullest development and reward, they should be given an open, sunny location and the soil enriched with well-decayed manure. Dig up about two feet deep, and at all times give plenty of water.

For bedding, Cannas should be planted no less than 18 inches apart each way; starting outer rows 9 inches inside margin of bed. Thus the planting radius of a 6 ft. circle, for outside row is 27 inches. In circular beds, the tallest variety should occupy the center, the medium heights next, finishing with a dwarf kind for the outside row. By consulting our descriptions, varieties may be selected according to desired heights, which range from 2½ to 8 feet.

Formula for computing number of plants in each row of a circular bed: Radius (in inches) $\times 6\frac{1}{2} \div 18$ = plants. Each interior row requires 6 plants less than the next larger circle. Compute and always plant outer row first. (See planting table on page 57.)

CANNA NOVELTY SECTION

CANNA NOVELTY "Introduction Set"

Cheerfulness. Mottled orange.

Cloth of Gold. Canary yellow.

Dazzler. Fire red.

Druid Hill. Black leaves; ruby red.

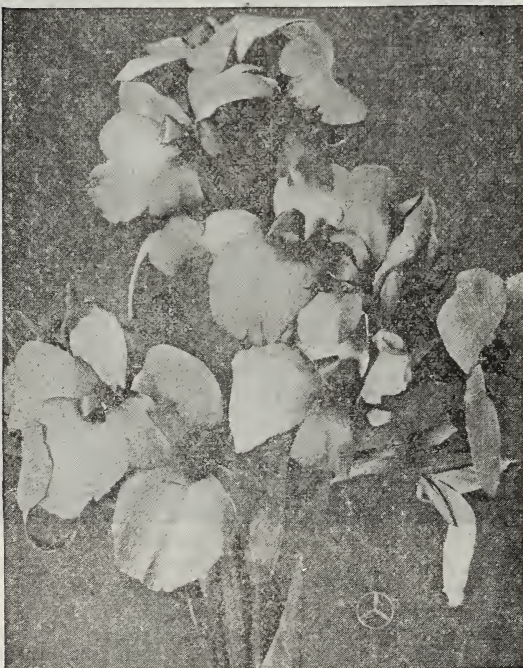
Eureka. Pure white.

Morning Glow. Mottled pink.

Queen Helen. Yellow, spotted red.

The President. Brilliant cardinal red.

This rich combination of distinct types is offered as an introduction of the choicest novelties, the list of 8 sorts (without modification) for \$2.80; by express, \$2.30.



Morning Glow (Page 65)

Cheerfulness. A charming, bright-hued novelty, fitly named. Its sponsor must have meditated before an open grate; catching his inspiration from the leaping orange flames with their yellow sparks and ruddy shadows. 3½ feet. 50 cts. each; \$5.00 per dozen.

City of Portland. Distinct among the several really worth while pink Cannas. Derived from "Mrs. Alfred Conard," this new variety is a deeper, warmer pink, holding its tone through both hot and cool weather. The great, full-petaled trusses are borne very freely on heavy stalks, and make a wonderful show throughout the season. 3½ feet. 50 cts. each; \$5.00 per dozen.

Cloth of Gold. An attractive new dwarf variety suitable for use in conjunction with such other sorts as "The Express." Trusses are broad and clean, in color varying from cream to bright canary yellow. 3 feet. 50 cts. each; \$5.00 per dozen.

Dazzler. Brightest of the bright brick-reds. An acceptable innovation, most other varieties of this shade being tall and uneven, whereas Dazzler is dwarf, compact, free-blooming and uniform. 3½ feet. 50 cts. each; \$5.00 per dozen.

Druid Hill. Intensely brilliant, ruby-red flowers in good trusses, richly set off by almost black foliage. This new sort is similar to Rubin, but grows taller and is broader flowered. 4 feet. 40 cts. each; \$4.00 per dozen.

Eureka. The genuine, practical White Canna is found at last. With the advent of Eureka, we are granted good, full-trusses; broad petals; uniform, free and continuous bloom, and a clean, waxy, lily-white color. Plant growth sturdy, with nice foliage. 4½ feet. 40 cts.; \$4.00 per dozen.

Fiery Cross. This new variety is one of the most successful flaming reds obtainable in the taller growing kinds. The foliage is full and healthy, a rich bluish green; plant and flower spikes attaining a height of 5 to 6 feet. Flowers large, 15 to 20 showing at one time. Color crimson scarlet. 50 cts. each; \$5.00 per dozen.

TWO "BIRDS" OF A FEATHER



Firebird. A magnificent red Canna, the trusses being very large, compact, distinctive, with nicely rounded petals $2\frac{1}{2}$ inches and more wide. Stalks are firm and upright, bearing their burdens well above the foliage. The color is fast; *absolutely pure scarlet*, with no suffusion, streaks or blotches whatsoever. Height 3 to 4 feet. 30 cts. each; \$3.00 per doz.

Goldbird. Each broad floret unfolds a lustrous mellow gold. With many yellow flowers, the bleaching process of maturity lessens their effectiveness; in "Goldbird" the cream and white of yesterday mingling with the fluted petals of today's new gold, create an exquisite combination of soft tones hardly equalled by any solid color. 4 feet. Started plants after May 1st, 35 cts. each; \$3.50 doz.

A yellow "nest" of 3 Firebird and 10 Goldbird (6 ft. circle) for \$3.50.

A red "nest" of 3 Goldbird and 10 Firebird (6 ft. circle) for \$3.25.

Harmony. Fine, dark, bronzefoliage; and globular trusses of currant-red flowers. $3\frac{1}{2}$ feet. 50 cts. each; \$5.00 per dozen.

Lafayette. A taller growing, more compact counterpart of that marvelous red bedder—Meteor. 5 feet. 50 cts. each; \$5.00 per dozen.

Morning Glow. One of those delightful combinations of soft color tones which so emphasize resemblance to the Lily. Long buds of damask red, open into wide, rounded

petals and full clusters; nearly solid coral pink with narrow beaded edge of cream, and gilt mottling deep into the throat. No less attractive are the graceful leaves of olive green, heavily veined with bronze. 4 feet. 35 cts. each; \$3.50 per dozen.

Mrs. Alfred F. Conard. Splendid broad heads, clean and full petaled; silvered peach pink. 4 feet. 25 cts. each; \$2.50 per dozen.

Mrs. Woodrow Wilson. Of robust habit, but medium height, foliage bright green with noticeable veination. Flowers are abundant, with broad, rounded, overlapping petals of great substance and durability. Color, a soft and pleasing shade of crimson pink, showing marked individuality. 4 feet. 50 cts. each; \$5.00 per dozen.

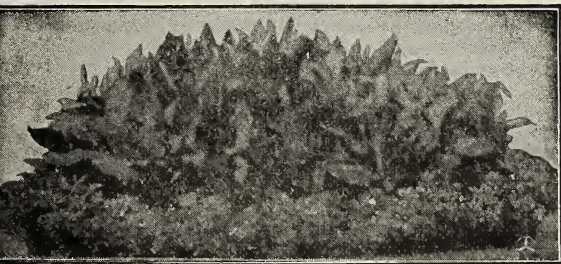


Queen Helen or "Yellow King Humbert"

Queen Helen. ("Yellow King Humbert.") This is a wonderful new "sport" from King Humbert, bearing the same graceful heartshaped leaves, but richly *all-green* instead of bronze; the same regal type and immense size of flower, but a *brilliant yellow* instead of red, and produced much more abundantly. Although the general effect is yellow, each petal is beautifully spotted with red; without question one of the handsomest varieties in this type. 4 to 5 feet. 25 cts. each; \$2.50 per dozen. By express, \$15.00 per 100.

Remarkable. A conspicuous new bronze-leaved sort, with glowing spikes of scarlet-carmine flowers. The foliage is richly dark, and the flowers have a deep, velvety appearance even at a distance. 6 feet. 25 cts. each; \$2.50 per dozen.

The President. This magnificent red Canna (introduced in 1918) won the gold medal from the National Department of Horticulture; and in respect for its upstanding character, distinguished attributes and splendor, was fittingly named "The President." The flowers are immense, round, firm—often 7 inches across—of extra good quality and borne in the greatest profusion. The color is unfading, pure, glowing scarlet; foliage rich green. 4 feet. Started plants after May 1st. 50 cts. each; \$5.00 per dozen.



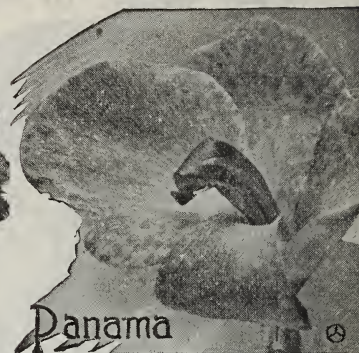
Bed of "Eureka" Cannas, edged with Baby Ramblers



Gustav Gumpfer



Garam



Panama

(see Page 67)

GENERAL COLLECTION of GREEN LEAVED CANNAS

Unless noted, all varieties under this heading are 20 cts. each, \$1.75 per dozen; by express \$10.00 per 100

SPECIAL OFFER FOR FOUR CIRCULAR CANNAS BEDS

Prices applicable to special beds A, B, C or D, only

6 Feet	8 Feet	10 Feet
Center..... 1	Center..... 1	Center & 1st row. 6
1st row..... 2	1st row..... 8	2nd row..... 12
2nd row..... 10	2nd row..... 14	3d row..... 18
Total plants... 13	Total plants... 23	Total plants... 36
Price \$1.60 net.	Price \$3.00 net.	Price \$5.00 net.

By express. Purchaser paying charges.

CANNA BED "A"

Center... King Humbert.... Red
Two... Hungaria..... Pink
Three... Julius Koch.... Crimson

CANNA BED "B"

Center... R. Wallace..... Yellow
Two... D Harum..... Red
Three... Dwarf Vaughan. Spotted

CANNA BED "C"

Center... F. Vaughan.... Yellow
Two... Prince Wied.... Crimson
Three... Mad. Crozy.... Gilt Edge

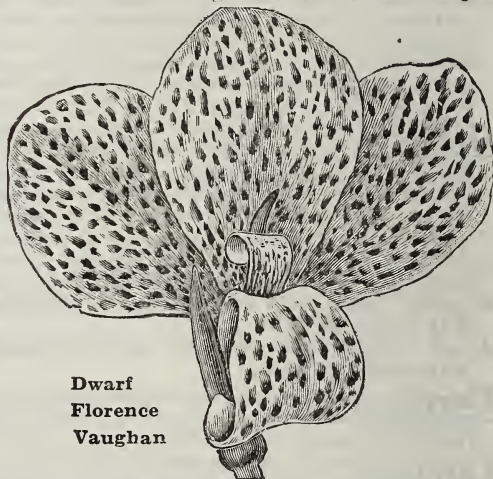
CANNA BED "D"

Center... Louisiana..... Red
Two... Long Branch.... Gilt Edge
Three... Mrs. Strohlein.... Red

Crimson Bedder. Dazzling crimson-scarlet, well displayed above the foliage. This is one of our own hobbies, and has been for years, without exception, our most conspicuous and satisfactory red bedding Canna. 3½ to 4 feet.

Dagana. Trusses and individual petals are large and evenly formed; color very bright scarlet, dotted with crimson.

Duke of Marlborough. Rich crimson-maroon. 5 ft.

Dwarf
Florence
Vaughan

Alphonse Bouvier. At one time the leading tall, dark red. Deep cardinal. 5 to 6 feet.

Beaute Poitevine. Blood-shot petals of crimson-scarlet. One of the good, reliable red bedders. 3½ to 4 feet.

Black Prince. Crimson scarlet, overlaid maroon. 5 feet.



Hungaria Canna

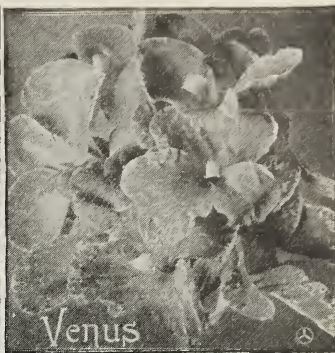
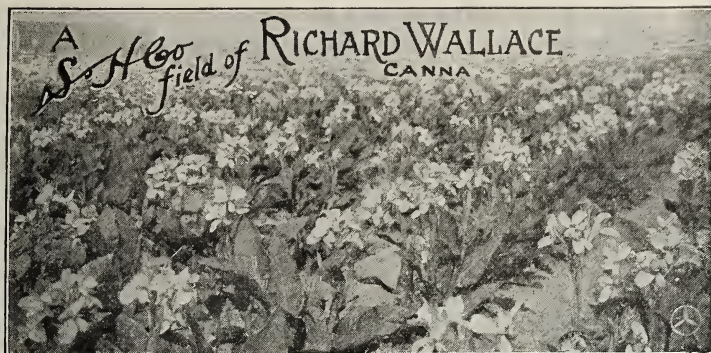
Dwarf Florence Vaughan. A free flowering, dwarf form of F. Vaughan; yellow and red. 3 feet.

Florence Vaughan. The original "Speckled Canna"; yellow, peppered bright red. 4 feet.

Garam. Large, bright carmine-red flowers, distinct in shade and form; a glorified Papa Nardy. 3½ to 4 feet.

Gustav Gumpfer. An ideal yellow bedding sort possessing the practical qualities of compact, bushy growth; free and continuous blooming; self-cleaning habit; flower heads well extended above the foliage and characteristically uniform in spread; in color the richest kind of orange-yellow, which rarely fades. 3 to 4 feet; leaves deep green.

Hungaria. A magnificent pink Canna widely used for large solid beds. The petals are large and waxy, made up into big round, full trusses. Its color forcibly suggests the well known Paul Neyron Rose, and is unquestionably one of the most popular pink Cannas ever produced. 3½ to 4 feet. 25 cts. each; \$2.50 per dozen.



Jane Addams. A free-flowering variety of bright buttercup-yellow, with a touch of red at the throat. 4½ feet. 25 cts. each; \$2.50 per dozen.

Julius Koch. Dwarf stocky growth, broad heads of well rounded flowers, brilliant blood red. 3 feet.

Long Branch. Flowers bright crimson, with irregularly dotted border of yellow. This is one of the best tall variegated sorts. 5 feet. 25 cts. each; \$2.50 dozen.

Mad. Crozy. Gilt edged, rosy scarlet. 3½ feet.

Richard Wallace. A tall growing, wide flowered, heavy trussed canary yellow—the largest and best of its color; bleaches very little. 5 feet.

Rosea Gigantea. Giant flowers of soft rose to carmine pink. 3½ feet. 25 cts. each; \$2.50 per dozen.

Souv. de Antoine Crozy. Rich crimson-scarlet bordered with golden yellow. 3½ feet.

The Express. Foliage wide spreading and low, 2 to 2½ feet high, crowned with massive flat heads of bloom; rich vermilion.

Venus. An exceedingly beautiful variety, at once the most delicate in coloring and texture, and as vigorous and long-seasoned as any Canna grown. Long, erect stems bear trusses of large size, perfect form and ever clean freshness. The large, oval petals are exquisitely variegated; warm rose-pink, mottled near center, and edged with creamy white. 4 feet.

Wilhelm Greisinger. Full spikes and well opened flowers of bright yellow, thickly studded with scarlet. The center petal is all red, the lower petal red broken up throughout by wavy threads of gold. 3 to 4 feet.

Unless noted, 20 cts. each; \$1.75 per dozen.
By express, \$10.00 per 100.



Meteor. Immense of large, rounded flowers played above the brilliant crimson. Foliage; well disseminated; flowers keep well and are self cleaning. 4 feet.

Orange Bedder. Bright orange with just enough scarlet suffusion to accentuate the orange brilliance. ("Tango tints.") 4 feet. 25 cts. each; \$2.50 per dozen.

Panama. (New.) Dull red overlaid old rose, edged and slightly mottled with gold; under side of petals creamy yellow with a heavily mottled border of red. This unique "Butterfly" effect is very pleasing. 3 feet. 25 cts. each; \$2.50 per dozen.

Papa Nardy. Nicely rounded heads; a lively carmine rose. 4 feet.

Prince Wied. Medium sized flowers made up into unusually large trusses, rich deep crimson; fine bedder. 4 feet.

Queen Charlotte. Makes a gorgeous display in masses. Color, a wide, ragged band of yellow bordering a center of scarlet suffused carmine. 3½ feet.





BRONZE FOLIAGE CANNAS

David Harum. Foliage dark, glossy bronze and plum; flowers orange-scarlet spotted vermilion. 4 feet.

King Humbert. The grandest Canna ever offered. Large, heart-shaped leaves of purple madder brown over bronze, the dark ribs sharply defined, crowned with immense heads of Orchid-like flowers. Individual petals are of the largest size; velvety orange-scarlet flecked carmine; rose tinted at margin and base. 4 to 4½ feet. 20 cts. each; \$2.00 per dozen. By express, \$12.00 per 100.

Mrs. Geo. A. Strohlein. Good sized flowers and trusses of crimson-red, foliage irregularly overlaid with dark chocolate bronze. 4 to 5 feet.

Prof. Romberg. Good bronze foliage and bushy growth. 3½ to 4 feet. Flowers in large trusses of fiery red.

William Saunders. Handsome dark bronze foliage with mammoth clusters of large flowers, bright scarlet with a shiny silver tinge at the base of each petal. 4 to 5 feet.

Unless noted, 20 cts. each; \$1.75 per dozen. By express, \$10.00 per 100.

GIANT ORCHID-FLOWERED or ITALIAN CANNAS

A distinct race noted for their Orchid-like flowers, and tall and stately habit. Used largely for high backgrounds and to center large beds. Their foliage is massive and abundant and their vigorous roots throw up more stalks than any other class, the flowers being of largest size, although of delicate texture.

Indiana. Soft orange lightened by flecks of gold, penciled and slightly margined with deep rose. 6 feet.

Italia. Great crinkly petals of clear yellow, irregularly overlaid with varied shades of orange-scarlet. 5 feet.

Louisiana. Soft, dark scarlet, with orange throat markings. 6 feet.

Mrs. Carl Kelsey. A beautiful suffusion of scarlet, rose and gold.

Early blooming, with good sized flowers; and handsome green foliage, edged purple. 6 to 7 feet.

Mrs. Kate Gray. A large flowered sort, of fine form and substance. Color, a deep orange delicately shaded with carmine; distinct dotted yellow throat. 6 feet.

Wintzer's Colossal. Without doubt the largest flowered

Canna to date, over 8 inches across. Strikingly vivid scarlet that retains its brilliancy. 5 feet. 25 cts. each; \$2.50 per dozen.

Unless noted, 20 cts. each; \$1.75 per dozen. By express, \$10.00 per 100.

CARNATIONS



Carnation plants should be repotted whenever there is indication of their becoming pot-bound. Transplanted into the garden after all danger of frosts is over, and given at least 12 inches of space, with good soil and cultivation, these plants should furnish abundant bloom from July until late Fall or may be kept "pinched back" to retard bloom, potted up at approach of frost and brought inside for winter blooming.

Belle Washburn. Brilliant red flowers, 3½ to 4 inches across, on stems 24 to 36 inches long. One valuable distinction is that it never bursts its calyx. 20 cts. each; \$2.00 per dozen.

Benora. A handsome variegated sort; white irregularly streaked with red. Flowers are large and clear cut, and last as long as any variety known.

Enchantress Supreme. A light salmon-pink which does not bleach and is not liable to split.

Matchless. A large, pure white, long stemmed and free-blooming. The petals are attractively fringed and the perfume delightful.

Laddie. A new variety of extreme size, 3½ to 4½ inches in diameter; color a warm rosy salmon-pink. Very free flowering and satisfactory. 25 cts. each; \$2.50 per dozen.

Mrs. C. W. Ward. One of the very good deep pink sorts, of attractive size and form, very free blooming and strongly scented.

The Beacon. A splendid large red that blooms throughout a long season; scarlet, with just a brightening dash of orange.

White Enchantress. Pure white; like its parent. Unless noted, 20 cts. each; \$1.75 per dozen; \$10.00 per 100.



Advance



Golden Glow



Maud Dean

CHRYSANTHEMUMS

A small percent of the great number of varieties in Chrysanthemums are hardy and will survive the rigors of winter when left in the ground; a larger percent may be usually depended upon if given protection; but the majority of them must be kept inside during the winter, as pot plants.

LARGE FLOWERED TYPES.

Designated : (E) for early; (M) for Mid-season; (L) for late.

Advance. Pure white when fully expanded, showing a creamy center when semi-developed. This is the earliest large white variety known.

A. J. Balfour. (M) Broad petals of great substance; dazzling rose pink.

Chieftain. (M) Globular, incurved, full and round; an admirable rose-pink color.

Chrysolora. (M) Yellow, midway in shade between Col. Appleton and Major Bonnaffon.

Col. D. Appleton. (M) Very large, deep golden yellow, flower of fine finish and form.

Early Frost. One of the most perfect and free blooming of the very early pure whites.

Edwin Seidewitz. (L) A very pretty, well-formed pink variety in prime for Thanksgiving Day.

Gloria. (E) A large, double show type; the first flowers a delightful shade of light pink, the later ones showing greater depth of color. 25 cts. each; \$2.50 per dozen.

Golden Chadwick. (L) One of the very best yellows; deep in color and perfectly formed.

Golden Glow. (E) Golden yellow, of velvety finish.

Golden Mistletoe. (L) A free-blooming, ball shaped flower of good size, one of the latest to bloom, rich, golden yellow. 25 cts. each; \$2.50 per dozen.

Golden Queen. (E) A fine incurved, double yellow, averaging six inches in diameter.

Intensity. (L) Brilliant crimson; petals reflexed.

Ivory. Flowers pure white, of exquisite form.

Major Bonnaffon. (L) The yellow for all purposes.

Maud Dean. (L) A very popular large pink.

Monrovia. (E) One of the very earliest; deep yellow.

Mrs. C. C. Pollworth. (M) Derived from Chrysolora, showing similar shade of yellow color, with stiffer stems and better foliage.

Mrs. Wm. H. Chadwick. (M) A very broad variety, with incurved petals of white, slightly tinted blush.

Oconto. (M) A beautiful white Japanese type, of large size and perfect ball shape. This variety is quite hardy.

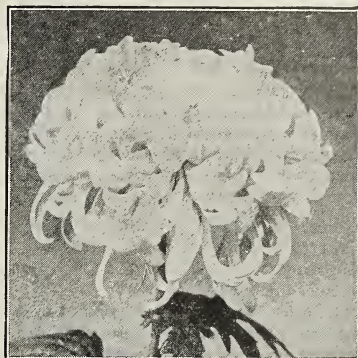
Pacific Supreme. (E) A fine deep pink seedling of Glory of Pacific.

Polly Rose. (E) Extremely early, pure white.

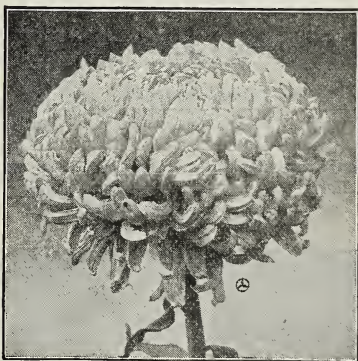
Richmond. (M) A golden yellow; noticeable for its long blooming season, fine form, perfect fullness and silky finish.

Robt. Halliday. (E) Large, broad petaled yellow, of graceful form.

White Chieftain. (M) A perfect ball of compact petals; one of the most dependable white 'Mums of its type for late October bloom.



Mrs. Wm. H. Chadwick



Pacific Supreme



White Chieftain

Unless noted, 20 cts. each; \$1.75 per dozen. By express, \$10.00 per 100. 12 of our choice, assorted, \$1.25.



Elkton



Lilian Doty

POMPON CHRYSANTHEMUMS

From being a comparatively insignificant section of the Chrysanthemum family, this class during the past few years has leaped into prominence and given the gardening world a wealth of new varieties, beautiful in form and exquisitely colored. The flowers run from $\frac{1}{4}$ inch to 2 inches in diameter, small petaled, very compact and formal, usually in rather close clusters so that one cut spray is a bouquet in itself. While not all varieties are entirely hardy, their inexpensiveness makes a liberal planting worth while even for but one fall show. As pot-plants, the Pompons are in every way satisfactory and furnish some of the daintiest table decorations of the fall and winter season.

Alena. Good sized, beautiful daybreak pink, always pretty and dependable.

Ashbury. Lilaceous pink. One of the earliest, freest and showiest.

The Baby 'Mum. Smallest and prettiest of the Pompons; bright golden yellow; the individual flower being one-half to five-eighths of an inch in diameter, quilled. Perfect pot plant, also valuable for cut sprays.

Baby Margaret. Smaller than original "Baby"; pure white.

Becky McLane. Stiff-stemmed, liberal clusters of small bronze buttons.

Christmas Gold. Profusely blooming, normal size, perfect buttons, bright, golden yellow. Fine pot plant. 20 cts. each; \$2.00 per dozen.

Delphine Dodge. Small flowered but full sprayed; light pink with noticeably deeper center. 20 cts. each; \$2.00 per dozen.

Donald. Light pink button.

Doris. Reddish bronze; button type, very attractive.

Eleganta. Pale pink.

Elkton. Very compact, multi-petaled flowers of dollar size, borne in the greatest profusion; bluish white slightly tinged lavender. One of the most charming Pompons.

Elva. Pure white, full and fluffy.

Eugene Langaulet. (Anemone.) Large button center with outer fringe of numerous short wide petals making a very novel and attractive Anemone effect. Color, rich golden yellow.

Excelsior. Bright orange yellow. Very free.

Golden Climax. Of all yellow Pompons, this variety can be depended upon to furnish the extreme limit in cut-flowers, of choice quality and good, bright color. 20 cts. each; \$2.00 per dozen.

Golden Harvest. Medium sized buttons of an attractive and very popular shade; deep, golden yellow touched with bronze. 20 cts. each; \$2.00 per dozen.

Hijos. Primrose pink; exquisitely pretty.

Julie Lagravere. Late; best deep red.

Kittie Bourne. (Anemone type.) Charming shade of yellow.

Lilian Doty. Beautifully formed shell-pink flowers in abundance, on erect stems. Early.

Little Bob. A favorite, free, small button; brownish red.

Little Pet. Small, bright rosy-crimson.

Mariana. Pure white in fine sprays for bunching.

November Pearl. Medium size, fine form, in fancy sprays. Color a charming, soft day-break pink. 20 cts. each; \$2.00 per dozen.

Pink Lady. (Anemone.) Bright, pretty pink flowers of true Anemone type; make very dainty bouquets.

Skibo. Hardy, early flowering golden button.

Viola. Deep violet; very showy and distinct.

Volunteer. (Anemone.) One of the choice cutting sorts in the flat Anemone form; golden yellow.

Wm. Sobey. Tall growing; flattish flowers canary yellow.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.



November Pearl



Peggy Bulkeley



Provence



Priscilla

SINGLE CHRYSANTHEMUMS

A very useful and satisfactory class which has been wonderfully developed during the last few years; becoming popular on account of their grace and beauty, their hardiness, ease of cultivation, and unusual color combinations. They generally run small in size, but are brilliantly colored and uniquely marked.

Ceddie Mason. Velvety bright red.

Gipsy. Clear yellow center, surrounded by a triple row of petals, yellow tinged salmon; very novel and striking. 20 cts. each; \$2.00 per dozen.

Hilda Wells. A beautiful Tuscan red, shaded yellow at base of petals.

Ladysmith. Earliest of the singles, and an ideal pot plant. Deep rose pink, with golden eye.

Mary Richardson. Reddish-salmon, beautiful and distinct.

Molly Whitmore. Shapely plants of erect growth, and well formed, 3 rayed, incurved flowers in abundance. Deep golden bronze effectively suffused with terra cotta, with distinct yellow center. 20 cts. each; \$2.00 per dozen.

Mrs. E. M. Horne. Flat flowers in good sized sprays which bunch well in bouquets. Light bronzed yellow, shaded with old gold.

Mrs. E. Roberts. Very large, blush.

Mrs. Whitehorn. Salmon terra cotta; mid season.

Peggy Bulkeley. A delightful subject for both cutting and potplants. The rather large flowers, with four rays of petals recurving gracefully from a golden center, are individually conspicuous in the showy sprays. Color a soft, luminous pink, which deepens, as flower matures, to a delicate mauve pink. 20 cts. each; \$2.00 per dozen.

Pink Beauty. Large Anemone-shaped; earliest rose pink. One of the daintiest in the list.

Priscilla. Tall, sturdy grower, strong stemmed, free blooming; flowers very clear, light rose pink.

Red Ridinghood. Brilliant crimson flowers of good size, with conspicuous golden center, fully developed in October. Splendid for cut sprays, and one of the showiest garden varieties. 25 cts. each; \$2.50 per dozen.

Sweetness. Small, daisy-like yellow flowers.

Wenonah. Beautiful silvery bronze; one of the finest early singles.

Unless noted, 15 cts. each; \$1.50 per dozen.



HARDY GARDEN 'MUMS



Any of the garden grown Chrysanthemums are delightful and valuable accessories of the fall display, filling gloriously a dearth of bloom from other sources just after the first October frosts; but those varieties which will resist frosts and winter-kill are doubly valuable and acceptable. The following list embraces not only the fragrant, reliable, old fashioned Chrysanthemums that reigned supreme in the garden corners and alongside the house, in our Grandmothers home, but several new sorts which have been carefully tested for hardiness, and have proven generally dependable in the Northern states, with slight protection.

Cranford's White. Pure white inside, slightly blushed outdoors.

Glory of Seven Oaks. ("The Everblooming Hardy 'Mum.") This is a good sized, bright, pretty ye'low which commences to bloom in mid-summer and continues until late fall.

Indian Red. Copper-red. Shaded with crimson.

L'Argentuillais. Full petaled, formal flowers of rich beauty; deep chestnut color. 20 cts. each; \$2.00 per dozen.

Normandie. Dwarf; medium sized flowers of delicate pink.

Old Homestead. Beautiful, free flowering rose-pink.

Provence. Large flowered, medium height. Bright pink with golden points.

Skibo. Golden button; only true Pompon in this class. Immensely productive, showy, and long lasting.

Victory. Good sized; snowy white.

Yellow Normandie. Dwarf and bushy; well furnished with handsome yellow flowers.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.



Hardy White 'Mum

CESTRUM PARQUII**(Night Blooming Jasmine)**

A much esteemed summer bedding plant, with waxy dark green leaves and open panicles of tubular, creamy white flowers. Although inodorous during the day, they fill the whole garden with fragrance at night. 20 cts. each; \$2.00 per dozen.

CLERODENDRON BALFOURI

A unique, beautiful climbing plant, having bright, scarlet flowers with creamy white calyx. A profuse bloomer, young plants a foot high often bearing several clusters. A strong, rapid grower with shrubby stems and small, shiny leaves; can be grown with success as a trellis plant either in the house or in the garden. 25 cts.

CROTONS

Crotons are beautiful decorative plants with leathery leaves which vary widely in form and expression. They are highly prized for the brilliancy of color their odd-shaped leaves are able to throw into summer beds, or window-box or table decorations. The young leaves are usually green or yellow at first, gradually changing to the richest shades of other colors,—from pure white to yellow, orange, red and crimson. The colors may come fairly solid, but most plants are gorgeously streaked and splashed in bold patterns. They should not be set out doors until late June, bringing into the house again before danger of autumn frosts. 3 inch pots, 50 cts.; 4-inch pots, \$1.00 each.

COBEA SCANDENS

One of the most rapid growing climbing plants in cultivation; grows from 20 to 25 feet high and bears beautiful deep blue bell-shaped flowers. For covering porches, trellises or arbors it has no equal and should be more generally planted. 20 cts. each; \$1.75 per doz.

CUPHEA TRICOLOR (Cigar Plant)

A bushy plant about 15 inches high, bearing great numbers of narrow tubular flowers, bright scarlet, with purple and white tips. Good for bedding or baskets. 15 cts.; \$1.25 per dozen.

CYPERUS ALTERNIFOLIUS**(Umbrella Plant)**

A semi-aquatic plant, throwing up stems two to three feet high, surmounted at the top with a whorl of leaves. An excellent plant for growing in water or damp soil. 20 cts. each; 4 inch pots, 50 cts. each.



COLEUS



Broad-leaved, bushy foliage plants which are unmatched for brilliancy and unique arrangement of colors. Some of the fancier sorts are painted in designs as indescribable as the traceries of frost. The more solid colors, such as Verschaffelti, Golden Crown, Beckwith's Gem, etc., are in most general use for large bedding schemes, and are invaluable as borders.

Beckwith's Gem. Large leaves of heavy texture, and finely scalloped edges. Center is dark velvety maroon, bordered fiery red, the edge green, changing to creamy yellow at the point of the leaf.

Bonnie. Large, yellowish green leaves brindled with dark red. Very striking.

Brilliancy. ("Christmas Gem.") Unique among other Coleus; the symmetrically branched plants and more ample foliage furnishing a colorful potted decoration for the Xmas holidays. Leaves are very broad, the underside a bright, yellowish green which carries over and beyond the beaded edge until lost, after fitful struggling, beneath a covering surface of oriental red. Overall lies a distinct sheen of old rose, pointed here and there with pearl and carmine. 25 cts. each; \$2.50 doz.

Cecil Brown. (Trailing Queen.) One of the most attractive for close bedding, boxes and hanging baskets ever introduced. Rather small escalloped leaves of dark green, evenly checked with curving maroon lines; the wedge-shaped center gay with magenta and cream.

Chameleon. Long, deeply cleft leaves of light green, mottled with wine color and maroon.

Climax. A capricious beauty, varying in expression with each day's development. The tiny clusters of new leaves are bright green with a cheerful carmine segment; the older leaves show a russet background broken up with cream and pink; while others frame a dappled wedge of crimson and maroon, with the most brilliant shades of clear green.

Crescent. Beautiful pointed leaves edged Nile green, but mainly a velvety red-maroon with a center wedge of crimson pink.

Daytonia. Yellow and green, with varying red-brown center.

Defiance. Long, lanceolate leaves of brown-red with an evenly beaded border, the outer third a bright greenish yellow.

Fire-brand. Broad leaves of red-maroon with a violet over-cast, the small 'scalloped edges touched with green.

Glory of Autumn. Most vivid autumnal colorings in great variety on every plant, each leaf defined by a heavy beaded border of apple green.

Golden Crown. Bright yellow. Almost indispensable for obtaining yellow mass effects in bedding.

Her Majesty. Rich, warm red-brown without a blemish, confined within a beaded edge of gold.

Mrs. Hayes. Stems dark; leaves smooth, with fine saw toothed black edge, light green sparsely blotched black and white.

Queen of the West. A center wedge of creamy white bordered green; the whole margined yellow and streaked carmine and maroon.

Sensation. Large leaf; velvety wine-maroon, streaked and veined carmine. One of the best dark varieties.

Yellow Trailing Queen. Trailing Coleus

are very useful for baskets and vases, but never before has yellow been available.

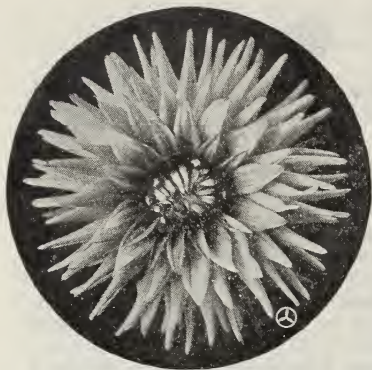
This new variety follows closely the dainty form and vigorous habit of our Trailing Queen; its rare color being a strong, full yellow, with just enough other coloring to give it piquancy. 20 cts. each; \$2.00 per dozen.

Verschaffelti. Rich, velvety crimson. The best dark sort of all for solid bedding.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.



"Golden Crown"
Used with Salvia and Alternanthera



Countess of Lonsdale



Crepuscle



Else

DAHLIAS

Spring is beautified by the Peony, summer would seem barren without the Rose; in like manner, we have come to expect of autumn—the Dahlia. The great number of more or less distinct varieties which cumber the Dahlia catalogs is bewildering. We are trying to keep our lists down to a reasonable selection from the established varieties we know, and what we deem the best of the new introductions.

CULTURE, Etc. Dahlias are not particular as to the soil or location. Although maximum growth and bloom reward the full sun, some of the stronger sorts develop most perfect specimens in partial shade; and localities with a moist atmosphere or dewy nights are apt to give better results than a drier air. A judicious use of fertilizer is always beneficial, but too much causes profuse foliage and stem at the expense of bloom. Frequent cultivation prior to their blooming season is absolutely essential to success. Time for planting varies according to climate, but is generally safe after all danger of late frosts is past. Tubers should be planted about 6 inches deep, laid flat, eyes or sprout up. Although good, lively tubers are apt to produce more stalks, started plants give practically an equal amount of bloom. **We send out tubers (root divisions) until supply is exhausted, after which orders are filled with started plants at the same price.**



Gen. French

CACTUS DAHLIAS

Characterized by long, narrow, pointed, tubular and twisted petals of graded lengths, giving the layered flowers a very striking and attractive appearance. This class presents probably the most striking general appearance, and its varieties are always among the most popularly sought.

Aegir. Bright crimson scarlet.

Attraction. Pleases everybody with the wavy grace of its petalage; its size and bearing and the distinctive delicacy and tone of its lilac color. 50 cts. each; \$5.00 per dozen.

Brunhilde. A handsome violet-purple; wide, loose, recurved and somewhat twisted petals.

Countess of Lonsdale. An old and very popular variety. Longest season and freest bloom of any Cactus type; flowers very large, complete and perfect. Color, an exquisite warm blending of amber and salmon-pink.

Countess of Malmesbury. Long narrow petals; a dainty peach pink. 50 cts. each; \$5.00 per dozen.

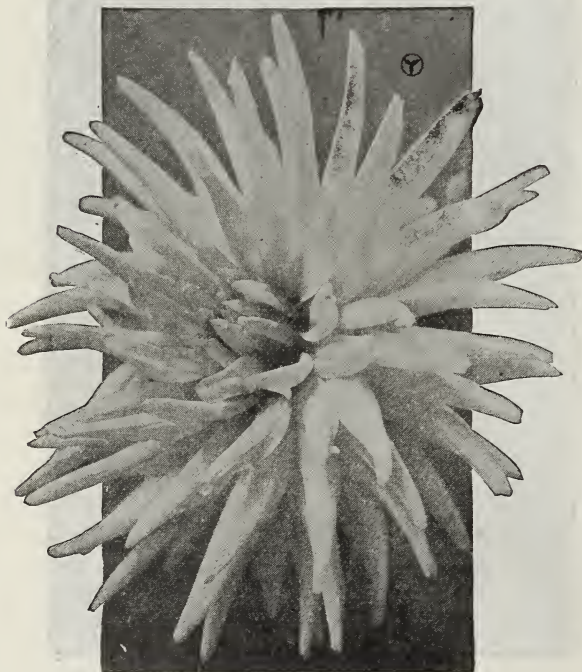
Crepuscle. Very full flowers; pale orange shaded with yellow and fawn. 50 cts. each; \$5.00 per dozen.

Else. A charming new variety with a combination of delicate colors; buttercup yellow at base, gradually passing to amber, finished with a tip of Tyrian rose.

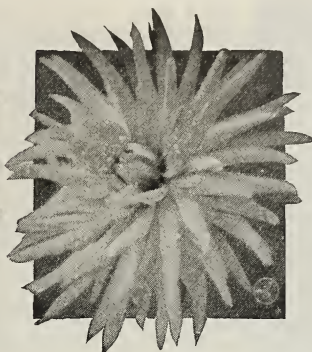
Floradora. Early and free flowering. Rich mahogany red, even darker at center.

Gen. French. A bold, upright effect in the field; furnishing abundant blooms on long, firm stems. Flowers full and regular, a warm orange terra-cotta.

Golden Eagle. Large flower with incurved petals; golden-buff. 50 cts. each; \$5.00 per dozen.



Lawine (Page 75)

**Gotterfink****Keyne's White****Standard Bearer****CACTUS DAHLIAS**

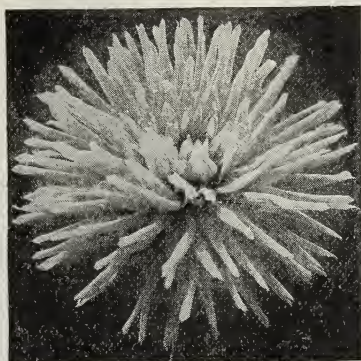
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Golden Gate Great full flowers

often 9 inches across, borne early and free; deep, rich golden yellow, shaded with fawn. A favorite evening variety. 60 cts. each.

Gotterfink. Twisted petals in full, good sized flowers; deep red. 30 cts. each.

Kalif. Immense size, a liberal bloomer, long and stiff stemmed; a choice cutting sort as well as being very noticeable among its fellows. Pure scarlet. 35 cts. each.

**Marguerite Bouchon**

Keyne's White. Creamy white.

Lawine. A beautifully formed flower of large size; pure white, with a suggestion of blush at center. One of the best white Cactus for cutting.

Libellule. Exceptionally well formed and free flowering; sulphur yellow, shaded with capucine red.

Lord Minto. Full, symmetrical flowers, with long tubular petals cleft at the tips. Center pale yellow, passing to rosy salmon at the ends.

Mad. Henri Cayeux. Narrow, incurved petals in large flowers; rich pink tipped white. 50 cts. each; \$5.00 per dozen.

Marguerite Bouchon. One of the largest Cactus Dahlias grown, and unquestionably the finest of all the pinks in this class. Flowers are perfectly shaped, with long pointed and very numerous petals; a lovely shade of warm pink, lighter at center. 30 cts. each; \$3.00 doz.

Pink Pearl. A beautiful pink and white variety of perfect Cactus type; the long outer petals being a bright, fresh true pink, with a creamy white center. Stems are of fair length and blooms quite abundant.

Pius X. Medium sized, light yellow. 35 cts. each.

Prince of Yellows. Rather late blooming, but quite showy during a favorable season.

Rheingau. (Giant.) Bold, erect, aggressive—its brilliant scarlet flowers are rather flat in shape, about five inches wide, and suggest relationship with the Peony flowered class. 35 cts. each; \$3.50 per dozen.

Sequoia. Long, tubular twisted petals cleft at tips; deep saffron yellow suffused with red.

Standard Bearer.

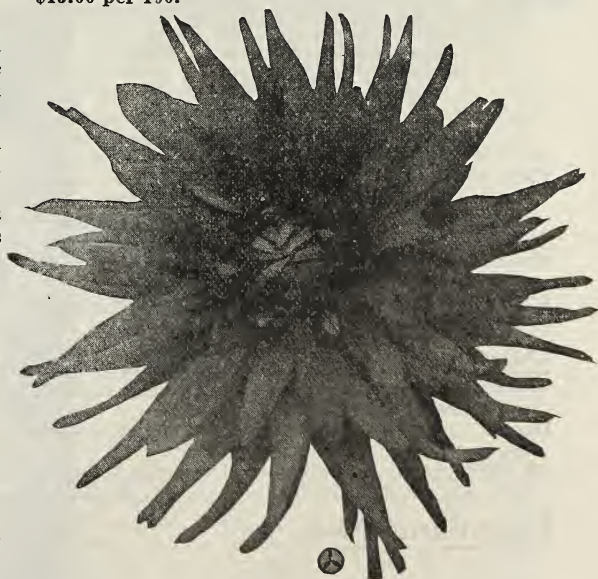
Bright, pure scarlet. Flowers large, thick and full to center, of symmetrical and perfectly round form, petals semi-quilled. Extraordinarily productive and one of the best red cut flowers.

Strahlen Krone. Very large and full; brilliant cardinal with purple button center and rose reflex.

Wodan. (Giant.) A massive sort, often 7 inches in diameter; delicate salmon-rose, shading to old gold at center. 30 cts. each; \$3.00 per dozen.

Wolfgang von Goethe. (Giant.) Large, gracefully arranged, perfect flowers; colored a rich apricot with carmine shadings. 25 cts. each; \$2.50 per dozen.

Unless noted, 20 cts.; \$2.00 per dozen. By express, \$15.00 per 100.

**Strahlen Krone**

**Berch van Heemstede**

DECORATIVE DAHLIAS

The flowers of this class are usually large, full but open faced, with long, flat petals. They habitually bloom with great freedom and the individual flowers make a gorgeous display in the field besides furnishing magnificent cut flowers.

Berch van Heemstede. Might properly be classed with the Peony flowered type; large loose-petaled canary yellow. 35 cts. each; \$3.50 per dozen.

Blue Ohan. Medium sized flowers; white, widely bordered lilac blue. This unique color arrangement is very attractive. 35 cts. each.

Bonny Blue. Nature has been lavish in her gift of colors to the Dahlia family, but real blue has ever been conspicuously missing. We are offering here, a seedling variety of solid color, the closest to a deep blue we have ever noted. Flowers full and compact, medium size, long stemmed, and free. A very profitable cutting sort. 50 cts. each; \$5.00 per dozen.

California. (Giant.) The much prized crimson color of American Beauty Rose; flowers wide, loose-petaled and strongly upheld. 25 cts. each; \$2.50 per dozen.

Catherine Duer. Cherry scarlet overlaid with crimson, darker at center; its iridescence is unique and very striking, winning much favor as a cut flower variety. Especially good under artificial light.

Claribel. The earliest bright purple, very free flowering and brilliant.

Clifford W. Bruton. Very large, loose petaled flowers of canary yellow on long stems.

Delice. One of the best pink Dahlias in any class, very valuable for cutting on account of its firm substance, lasting qualities and good stems. The flowers are full and perfectly formed; a soft rose pink.

Diana. A good sized, long stemmed, perfect type; flowers numerous and bright; crimson. 35 cts.

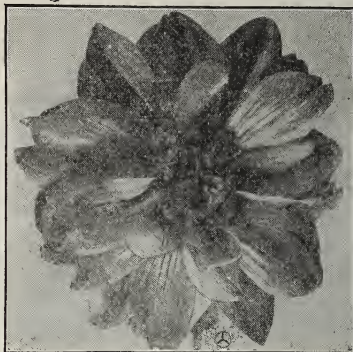
Ed. McCullogh. Attractive foliage; flowers of good medium size, deep velvety crimson shaded towards center with maroon.

Hortulanus Fiet. A "giant" decorative with an abundance of broad petals, the whole symmetrical flower averaging 8 inches across. Its exquisite color distribution beggars description; but is roughly a delicate shrimp pink pointed with gold and faintly clouded with red and yellow tones. 75 cts. each; \$7.00 per dozen.

Jack Rose. Color, rich crimson-red, with maroon shadings at center.

Jeanne Charmet,

A most pleasing cut flower type, of formal construction and refreshing color arrangement; violet rose over-spreading lighter shades. 50 cts. each; \$5.00 per doz.

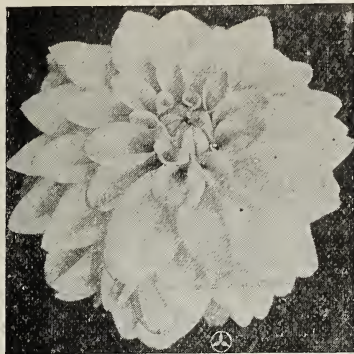
**Mad. A. Lumier**

L'Mandarin. Medium sized flowers of weirdly oriental suggestion; light cream shading into yellow, with pink tips and bold crimson striping. 35 cts.

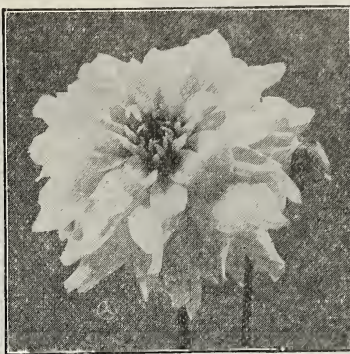
Mad. A. Lumier.

Distinct and showy variegated sort, one of the freest bloomers; semi-double flowers of white, suffused with crimson toward the end of petals, extreme tips a rich violet red. 25 cts.; \$2.50 doz.





Mont Blanc



Princess Juliana



Yellow Colosse

DECORATIVE DAHLIAS (Continued)

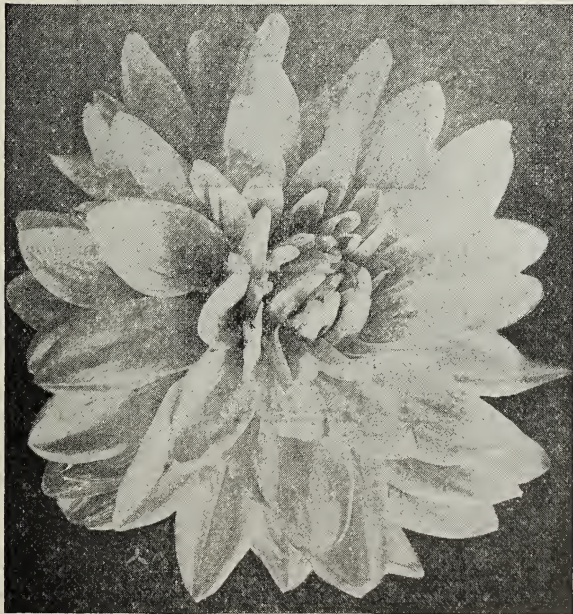
Mad. Van den Dael. (D) Broad, incurved petals of waxy white, charmingly flushed with rose toward outer edge. Flowers very large and attractive, of distinct shape. 35 cts.; \$3.50 per dozen.

Mina Burgle. Rich, luminous dark scarlet flowers of full, large form, strongly upheld. Unusually free and continuous bloom. This is a comparatively new variety, claimed by some cataloguers to be their best red Dahlia. 35 cts. each; \$3.50 per dozen.

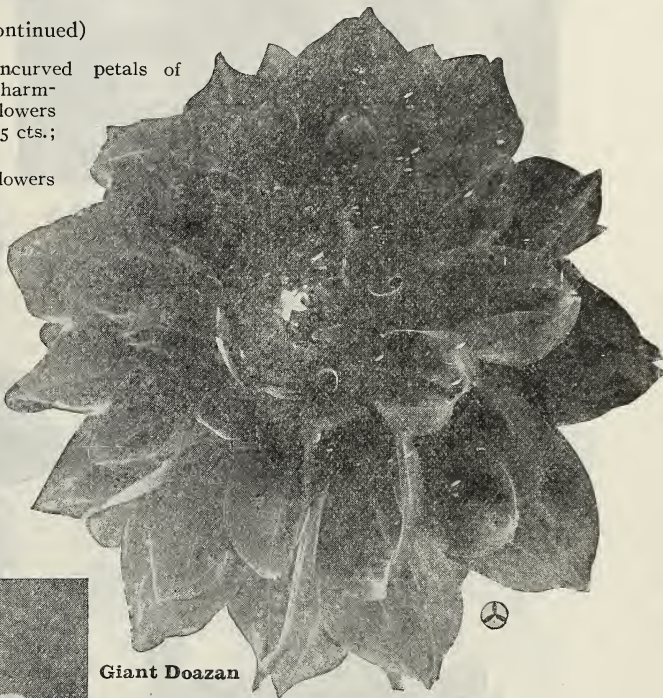
Mont Blanc. Very large creamy white, with unusually broad, flat petals. The finest white cut-flower sort we have.

Mrs. Fleers. An attractive combination of red and rose, in numerous medium sized flowers, giving a general bright pink effect. This is one of the freest blooming varieties, with long serviceable stems.

Princess Juliana. Pure, waxy white flowers of better than medium size, and attractive form. One of the most reliable whites for cutting.



Mad. Van den Dael



Giant Doazan

Souv. de Gustave Doazan.

Mammoth flowers with long, even petals 1 to 1 3/4 inches wide; center rounded-up and much darker than balance; brilliant orange-red. A free-bloomer and very showy. 35 cts.; \$3.50 per dozen.

Sylvia. Soft, pleasing mauve-pink, gradually changing to white in the center. A pretty cut-flower.

Thompson. An improved Catherine Duer, of the same character and iridescent crimson color; but larger, borne face-up on long, stiff stems.

Yellow Colosse. (Giant.) Solid primrose yellow; one of the most dependable and satisfying yellow varieties in the decorative class. Flowers of large size, perfect form and liberal production. 35 cts.; \$3.50 per dozen.

Unless noted, 20 cts.; \$2.00 per dozen.
By express, \$15.00 per 100.



PEONY FLOWERED DAHLIAS

Tall growing, loose-petaled, large flowered and free blooming. One of their chief advantages over the other types lies in their big, fluffy, aggressive aspect which makes them of great value for landscape use. All varieties are long stemmed, airily graceful and in every way pleasing as cut flowers; while many have those soft, tender shades particularly lovely under artificial light.

Chatenay. A most prolific bloomer, with medium sized flowers on strong, erect stems. Color shell pink and white, slightly gilded at center; named for its resemblance to the famous Chatenay Rose. 35 cts. each; \$3.50 per dozen.

Cleopatra. Semi-double; brilliant red, splashed with yellow towards base of petals. Exceptionally free blooming and one of the most striking varieties in our Dahlia fields. 30 cts. each; \$3.00 per dozen.



Duchess of Brunswick. Broad flowers of brilliant red, shaded apricot on under side. 35 cts. each.

Geisha. A rich, gorgeous commingling of scarlet and gold; the flowers loosely arranged with wide, curled and twisted petals. This is the most sensational and one of the very best of the class. 75 cts. each; \$7.00 per dozen.

Great Britain. One of the new Holland giant decorative type which is introducing unprecedented size and quality into Dahlia collections. The form of this variety is all that can be desired, with massive petals of firm texture. Color clear warm mauve. 50 cts.; \$5.00 per dozen.

H. Hornsveld. A delightfully soft, delicate shade of salmon. 30 cts. each; \$3.00 per dozen.

Hollandia. Dark rose, almost a blue. This particular shade is rare in Dahlias.



King of Autumn

Hortulanus Budde. Very large flowers on long stems; intense rosy scarlet. 75 cts. each; \$7.00 per dozen.

King Edward. Large purple flowers on long stems.

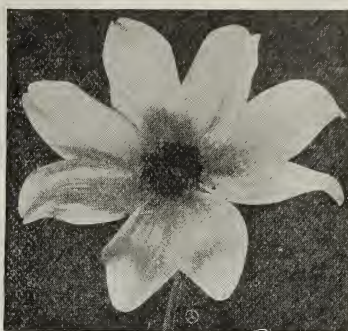
King Leopold. Fine, large flowers of creamy yellow, varying to white. 35 cts. each; \$3.50 per dozen.

King of Autumn. (New.) Of the giant decorative type, quite full petaled; one of the most delightful yellow combinations ever seen. Over the groundwork of richest yellow is laid shadows of copper, apricot and old gold. Free blooming; long stemmed. \$1.00 each; \$10.00 per dozen.

Leo XIII. One of the very largest flowers in any class; of compact "decorative" form and colored a beautiful unfading canary yellow. Growth medium, stems upright and of good cutting length. 50 cts. each; \$5.00 per dozen.



Mannheim



Souv. de Paris



Queen Emma

PEONY FLOWERED (Continued)

Mannheim. One of the most beautiful Dahlias of any class; large, graceful, long-stemmed, particularly pleasing under artificial light. Soft salmon pink, with a golden overglow. 50 cts.; \$5.00 per dozen.

Queen Emma. An exquisite shade of Hollyhock-pink, the inner petals banded with gold.

Queen Wilhelmina. Immense, fluffy flowers of pure white, with yellow center.

Souv. de Paris. Long, wide, gracefully undulated petals in single heads 8 inches across; glistening white.

Unless noted, 25 cts. each; \$2.50 per dozen.

SINGLE DAHLIAS

The Single Dahlias are exceedingly showy, when displayed against or nodding above a background of green. Used freely in large landscape effects, "Wild Fire" in particular making a brave, bright show in masses; a blaze of color all the season.

Scarlet Century. Mammoth single flowers of brilliant crimson-scarlet with attractive golden center.

Fringed Pink Century. Bright pink single flowers of good size, petals charmingly fringed. 50 cts. each; \$5.00 per dozen.

Wild Fire. Growth tall and compact, with ornamental foliage. Flowers are round and close petaled, of fair size; intense scarlet touched at center with gold.

Unless noted, 20 cts.; \$2.00 per dozen.

POMPON DAHLIAS



Of medium to small size, but firm, compact and long lasting; invariably with long smooth stems, and blooming with the greatest profusion. Especially good for small bouquets, or dwarf beds.

Bobby. Deep plum.

Catherine. Rich golden yellow; perfectly double.

Little Prince. Bold and striking; from richest crimson-maroon to varying striped combinations of crimson, scarlet and white.

Little Beauty. Miniature Livonias; little round, fully quilled balls of pure pink. This variety makes up beautifully in wreaths, sprays or any design requiring a small, dainty flower.

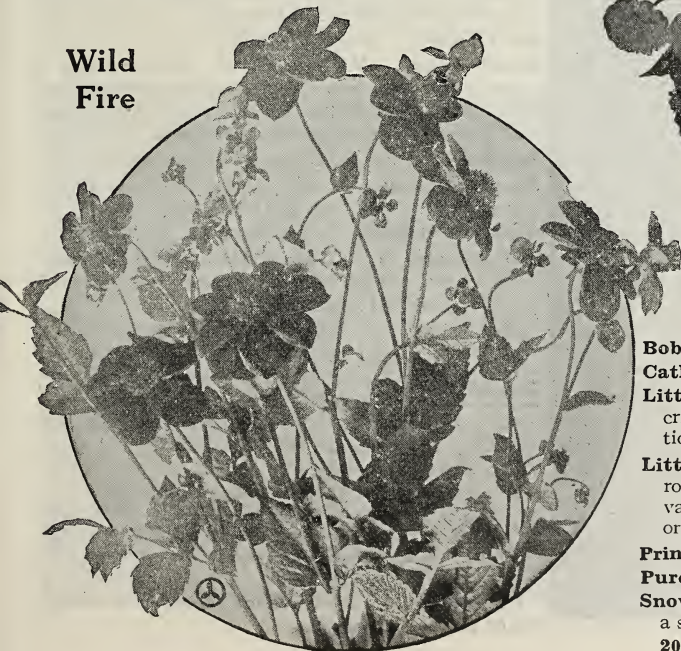
Prince Charming. Cream, heavily tipped purple.

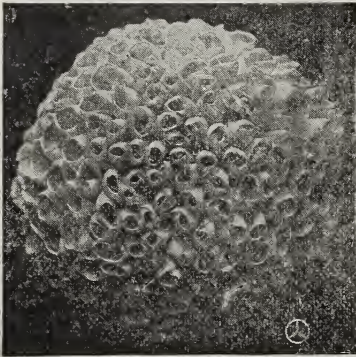
Pure Love. Pure lilac, extra fine form and free.

Snowclad. Perfect show type; pure white with a slight lavender pink center.

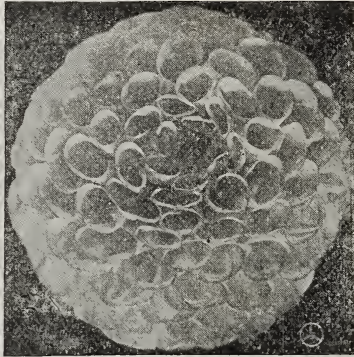
20 cts. each; \$2.00 per dozen.

Wild
Fire





A. D. Livonia



Chas. Lanier



White Dove

"SHOW DAHLIAS" or Large Double Flowered

This type is the most formal and perfect in shape, composed of short, stiff, numerous quills of varying character. They make excellent compact bouquets and usually outlast the other types.

Unless noted, 20 cts. each; \$2.00 per dozen. By express, \$15.00 per 100.

A. D. Livonia. Warm rose-pink, perfect flowers, with quilled petals which nearly overlap at the ends.

Arabella. Primrose, tipped and shaded old-rose and lavender.

Black Hussar. Same as Red Hussar, except its color is glossy black-maroon.



Susan

Chas. Lanier.

A very perfectly formed, broad flower of deepest yellow; the largest yellow in this class.

Cuban Giant. (Giant.) Flowers 6 to 7 inches in diameter, dark, glowing crimson shaded maroon. A tall, strong grower with projecting flower stems. 30 cts. each; \$3.00 per dozen.

"Dee-lighted." A very large, pure white; free and continuous bloomer. 35 cts. each; \$3.50 per dozen.

Dreer's White.

A somewhat smaller replica of the famous Grand Duke Alexis as to form of flower, but with longer stems and greater freedom. One of the best pure white show Dahlias for cutting.

Eclipse. Flowers large and full, crimson-scarlet.

Eldorado. Coppery yellow with russet base. Heads are large and loosely recurving.

Glorie de Lyon. Fine form; pure white.

Grand Duke Alexis. (Giant.) Very large and perfect form, with long, thick quills overlapping at the ends. White, slightly tinged and blotched lavender; the most chaste and beautiful of all. 35 cts.; \$3.50 dozen.

John Thorpe. Rich, lilaceous pink with creamy base near center. Rather flat flowers very full and evenly quilled, about 5 inches wide.

John Walker. Large, pure white.

Maud Adams. White, overlaid delicate pink; a charming new variety. 35 cts. each; \$3.50 per dozen.

Mrs. Wellsley. White, heavily edged and tipped crimson; a very distinct and striking sort.

Penelope. White, flaked lavender about center.

Princess Victoria. Large, round fully quilled flowers of perfect form and soft, rich yellow color.

Queen of Yellows. Perfect form, solid yellow.

Red Hussar. Tall, bushy, upright; with wrinkled highly ornamental foliage. Flowers full, recurved to ball shape, fiery cardinal.

Snowball. Perfect ball shaped, full and compact, of large size, and upright. Color bluish white.

Susan. Extraordinarily free-blooming; with large, shapely flowers long-stemmed and lasting. A very attractive mingling of rose-pink and white. 30 cts. each; \$3.00 per dozen.

White Dove. Good sized, round and compact flowers of glistening white; each petal fringed deeply.

Yellow Duke. A free flowering, long stemmed form of Grand Duke; its full quilled blooms of primrose-yellow being exceedingly soft and pretty. 30 cts. each; \$3.00 per dozen.

Unless noted, 20 cts. each; \$2.00 per dozen; \$15.00 per 100 by express.



Daisy—Mrs. F. Sanders

PARIS DAISY or "Marguerite"

The Marguerites are a delight in the garden where their conspicuous flowers, and rich green, indented foliage blend harmoniously with other bedding plants. Potted, they carry nicely in bloom through the winter.

Etoile d'Or. Light yellow color, growth dwarf and bushy. The best variety for use as a pot plant. 30 cts.; \$2.00 per dozen.

Mrs. F. Sanders. A new, double pure white form, very attractive. Practically all flowers come with nicely filled centers, although it varies somewhat like all double Daisies. 20 cts.; \$2.00 per dozen.

DRACENA

Considered among the best of decorative foliage plants, and are largely used for conservatory and house adornment. They should be given a light fibrous soil with good drainage, liberal watering with frequent showers; and to ensure the greatest development of color, let them have all the sunshine available.



Dracena Indivisa

Godseffiana. Peculiarly marked foliage of a rich, dark green color thickly spotted with irregularly shaped dots of creamy white. 35 cts.

Indivisa. This is the best known sort; with graceful, slender, arching, numerous green leaves. For many years the leading variety of center-plant for vase and window box work. 2½ inch, 20 cts.; 3 inch, 30 cts.; 4 inch, 50 cts. By express, 5 inch, 75 cts.; 6 inch, \$1.00.

Sanderiana. An upright, stocky variety with alternating lanceolate leaves of dark green prettily variegated with creamy white stripes. 35 cts.; 3 in. pots 60c.

Terminalis. Leaves rather long and pointed, deep bronze, coloring richly to crimson, marked with pink and green and occasionally streaked with white. Although like all self-coloring foliage, this variety has its dull aspects, sunshine, warmth and the evolutions of its normal seasons produce a wonderful brilliancy. By express, 75 cts. and \$1.00.

EUCHARIS AMAZONICA

"Lily of the Amazon"

A splendid plant for the conservatory, producing many choice cutflowers during a season. Flowers are star-shaped, about four inches across, and delightfully fragrant; pure, waxy white. 50 cts. each.

EVONYMUS



"Silver Edge." Of erect, shrubby character and with a liberal amount of variegated foliage. Leaves are rather thick and rubbery; bright green sharply edged with white. 3 inch pot plants, 35 cts.; 4 inch pots—8 to 10 inches high—60 cts. By express, 5 inch pots—15 to 18 inches high—\$1.25.

Japonica Argentea. Foliage somewhat rounder and larger than the preceding sort, with a large per cent of surface covered with creamy white. This type is extremely bright and attractive, of great value for contrasting. 2½ inch pots, 25 cts. 3 inch pots—6 to 8 inches high—50 cts.



Boston Fern

FERNS

No foliage plant that grows presents so many varied charms, or is so practical for all general house, table, floral or window decoration as the Fern. Most varieties love the sun, and thrive to best advantage if located near the sunniest window, and occasionally turned. A dutiful attention to watering and general condition will be well repaid.

A selected list of the most practicable varieties, which may be safely trusted to meet all requirements.

NEPHROLEPIS

Bostoniensis. (Boston Fern.) Fully matured fronds attain a length of 4 to 5 feet. 2½-inch pots, 25 cts.

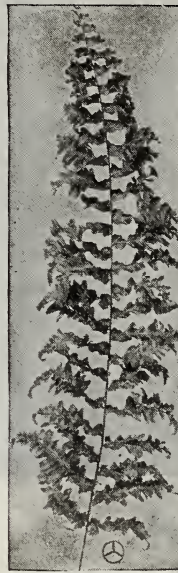
By Express:

4-inch pots, 60 cts. each; 5-inch pots, \$1.00 each;
6-inch pots, \$1.50 each; 8-inch pots, \$2.50 each.

McCawii. A new development of Teddy Jr., not quite so dwarf in growth, but equally compact. The pinnae are more uniformly ruffled, giving the entire plant a fluffier appearance. 2½ inch, 35 cts. By express, 5 inch pots, \$1.50; 6 inch pots, \$2.00 each.



"Teddy Jr."



Scholzeli



Verona

"Teddy Jr." (Dwarf Roosevelt.) A new dwarf form of the popular Roosevelt Fern; a grand compact grower, making splendid specimens in medium size plants. 2½-inch pots, 25 cts. By express, 4-inch pots, 75 cts.; 5-inch pots, \$1.25; 6-inch pots, \$1.75.

Scholzeli. (The Plumed Scott Fern.) Short bushy, compact growth combined with a delicate fluffiness of foliage. Even very small plants are models of beauty for table decoration. 2½-inch pots, 25 cts. By express, 4-inch pots, 75 cts.; 5-inch pots, \$1.25; 6-inch pots, \$1.75.

Verona. A handsome new variety of the Elegantiissima type, somewhat resembling N. Whitmani, but with finer "Ostrich Plume" foliage, and with a stiffer mid-rib, which makes the fronds stand up better than most varieties of the lace-ferns. 2½-inch pots, 25 cts.; 3-inch pots, 50 cts. By express, 4-inch pots, 75 cts.; 5-inch pots, \$1.50.

"Bird's
Nest
Fern"

(See
Page 83)



New Adiantum—Glorie of Mordrecht

MISCELLANEOUS FERNS

Adiantum Cuneatum. The well-known Maiden Hair Fern. This, with its various newer types, is almost indispensable in the making up of floral pieces and winter bouquets. 2½-inch pots, 25 cts.; 4-inch pots, 60 cts.

Adiantum Croweanum. An improved type with more satisfactory habits and larger leaflets. By express only, 4-inch pots, 50 cts.; 5-inch pots, \$1.00.

Adiantum Glorie of Mordrecht. The last word in size, compactness, grace and beauty among all the many charming variations of Maiden Hair. This new type bears leaflets of distinct shape, superlative size, and so numerous as to overlap in pleasing arrangement. Its culture is as easy and practical as the more common sorts. 4-inch pot plants, \$1.00.

Asplenium Nidus-Avis. (Bird's Nest Fern.) Broad, banana-like leaves three to nine inches wide and two to four feet long (when fully developed) growing in a crown. Their color is a rich, transparent green, intensified by closely parallel veins, and a prominent midrib of purple-maroon. 2½-inch pots, 35 cts.; 3-inch pots, 60 cts.



The popular "Holly Fern"

Selaginella Emiliana. (Moss Fern.) A good substitute for Asparagus or Maiden Hair, or for table and house decorating in larger sized pots. Very dwarf and compact. 20 cts. each; 3 for 50 cts.

SMALL FERNS FOR DISHES

These charming little decorative plants, each of different and distinct form, and representing various shades of green and silver variegation, are especially adapted to use in table jardinières and are indispensable for all inside "ferny" effects.



A pot of S. & H. Co. Table Ferns

Adiantum Cuneatum. Maiden Hair Fern.

Aspidium Tsussimense. Dwarf and compact plant; short tri-pinnate leaves of the darkest green.

Blechnum Braziliensis. A dwarf form of Tree Fern with large rounded leaves.

Cyrtomium Falcatum. (Holly Fern.) Broad, halbert-shaped leaves of waxy green; always shiny.

Pteris Adiantoides. Good sized leaves in perfect triangle shape; dark green with distinct fine veins.

Pteris Argyrea. (Silver Fern.) One of the most beautiful dish ferns. Evenly pinnate, compound leaves; bright silver with pale green tips.

Pteris Cretica Albo-Lineata. A handsome dwarf growing fern, deep green, striped white.

Pteris Magnifica. Long, wide spread leaves occasionally crested, bright green.

Pteris Mayii. Dwarf variegated sort, ends prettily crested.

Pteris Serrulata Cristata Variegata. Crested ends; distinctly variegated.

Pteris Tremula. (Shooting Fern.) Beautiful fine cut fronds of bright green somewhat resembling Grevillea. Good for centers of ferneries.

Pteris Victoria. Rather dwarf and compact; fronds short but broad-based with numerous pinnae, a decided silver streak down the center of each.

Pteris Wilsoni. One of the finest of all the dish ferns. 20 cts. each; \$1.75 per dozen.

FERN DISH COLLECTION



We will mail 6 plants in 6 varieties of our choice for 85 cts.





Ficus Elastica

FICUS—THE RUBBER PLANTS

Australis. A new type of Ficus favoring the Elastica in general form and leaf construction, but exhibiting several variations which are bound to better suit a great many people who utilize the rubbers for house decoration. Leaves are much smaller than Elastica, shinier and a deeper green; growth more branching and compact, thus making a greater amount of foliage. 3-inch pot plants, 75 cts. each.

Pandurata. (Majestic Rubber Plant.) The odd construction and



The odd mammoth leaves of this new decorative plant make a very striking appearance. The leaves are guitar-shaped with the larger end out, stiffly uprising from the central stalk. They are very thick and rubbery, ten inches wide by fifteen inches long; dark green, with creamy white veins, which on the underside are purple and boldly projecting. The sizes we offer are fine specimens, by express, 18 to 20 inches high, \$2.50

Elastica. (India Rubber Tree.) This is the old

reliable, thick leaved, substantial house plant which has ever patiently served its purpose, under abuse and neglect. Nothing better for house decoration. Its dark green, shiny foliage is always handsome, and its constitution is such that it is able to stand the excessive heat and dryness of the ordinary dwelling house without injury. 75 cts. each.

Repens. Directly opposed in character to the two large leaved upright growing sorts, this variety is really a creeping or trailing vine. In the South, where it is hardy, it somewhat resembles and takes the place of our Boston Ivy; in the Northern states it is extremely useful and ornamental for covering stone or wooden conservatory walls. 2½ inch pots, 25 cts. each; \$2.50 per dozen. 4 inch pots, 50 cts. each; \$5.00 per dozen.

FUCHSIAS

These plants were a few years ago among the most highly prized for winter blooming in the ordinary dwellings, and are still largely used. They are also popular for summer beds in partially shaded situations, and make excellent color-spots in porch boxes and baskets.

Avalanche. Golden green foliage and large double flowers with dark purple corolla.

Black Prince. Well expanded single flowers of carmine-lake; color of calyx and corolla nearly uniform.

Duchess of Albany. Single; deep purple corolla and scarlet sepals.

Little Beauty. Dwarf growing. A most free-blooming variety, seldom with-
out flowers. Sepals Single. 25 cts. each.

Lord Byron. A strikingly handsome variety, with calyx of cochineal red, and large, single corolla of deepest violet. 25 cts. each.



Double Fuchsia—Mrs. E. G. Hill

Mrs. E. G. Hill. Sepals bright crimson with large pure white corolla. Perfectly double and very free.

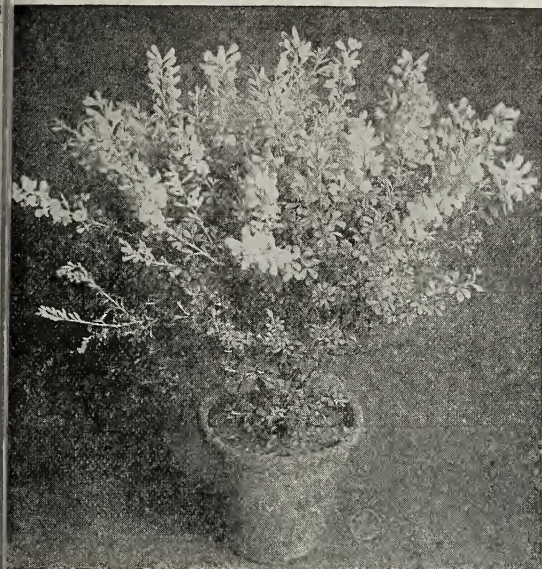
Minnesota. A chastely beautiful new variety which embodies all the essential qualities for popularity in addition to its unusual color combination; sepals pure white, corolla rich violet. 25 cts. each.

Phenomenal. Extra large, double purple corolla, crimson sepals.

Speciosa. A thrifty grower with ornamental foliage, the green leaves showing red veins at the base. Flowers single with pale carmine sepals and deep scarlet corolla.

Tri-me-ah. A new single variety with extra long tube; purple.

Unless noted, 20 cts. each; \$2.00 per dozen.

GENISTA RACEMOSA

A round, dense foliated plant of easy house cultivation, which makes one of the most beautiful spring flowering plants in our lists. Flowers are very small, pea shaped, borne in close racemes. When in full bloom the entire plant is a solid ball of the brightest yellow, emitting a delicious lemon fragrance. Very popular for Easter decorations and will continue in bloom about four weeks. $\frac{1}{2}$ -inch pot plants, 20 cts. each. By express, 5-inch pot plants, 75 cts. each.

Wm. Langguth.

Foliage variegated green and white, double crimson



son scarlet flowers $1\frac{1}{2}$ inches in diameter. Strong and upright, more vigorous than any of the older varieties of this type.

GERANIUMS

Geraniums are the best known and most extensively used of all bedding plants. Our list of varieties is not large, but represents the best and most serviceable in the different classes. All from $2\frac{1}{2}$ -inch pots.

FANCY LEAVED GERANIUMS

Happy Thought

Happy Thought. A tri-color Geranium with very dark green foliage, having a light creamy—almost white—center, with a dark band about the light zone. Single flowers, bright scarlet.

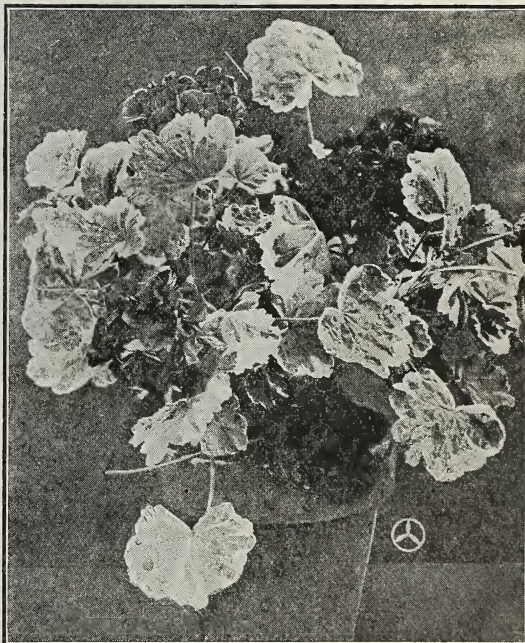
Mad. Sallerioi. A very compact variety of Silver Geranium; very fine for massing or bordering. A thrifty, healthy grower, rarely reaching a

height of more than six inches; leaves very small, of a peculiar clear green, edged with pure white. 15 cts. each; \$1.25 per dozen. By express, \$7.00 per 100.

Mrs. Parker. Foliage deep green, broadly margined creamy white; flowers double, bright pink.

Mrs. Pollock. Bronze, belted with crimson and edged golden yellow.

Prince Bismarck. Foliage yellowish green with narrow zone of deep chocolate, flowers salmon tipped white; a splendid variety.



Silver Nutt

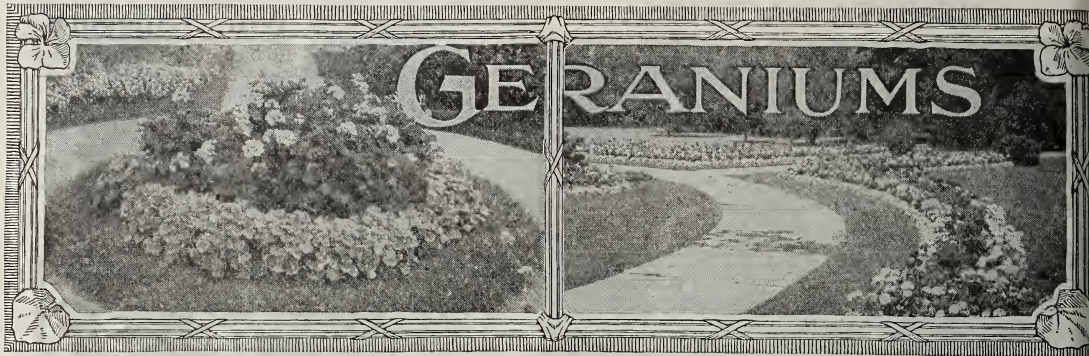
Variegated S. A. Nutt.

A new introduction with liberal, healthy, remarkably beautiful variegated foliage, the green and creamy white being about evenly apportioned; of the same general form, freedom, character and deep crimson color as the famous S. A. Nutt. 25 cts. each; \$2.50 per dozen.

Fancy Leaved sorts, unless noted, 20 cts. each; \$2.00 per dozen.

SCENTED LEAVED GERANIUMS

Two distinct varieties—**Lemon** and **Rose**. 20 cts. each; 8 for \$1.25.



GENERAL COLLECTION OF SINGLE AND DOUBLE GERANIUMS

From 2½ inch pots. Single varieties are preceded by a star (*).

Abbie Schaefer. An abundant bloomer, good in any situation; soft crimson-scarlet. 20 cts.

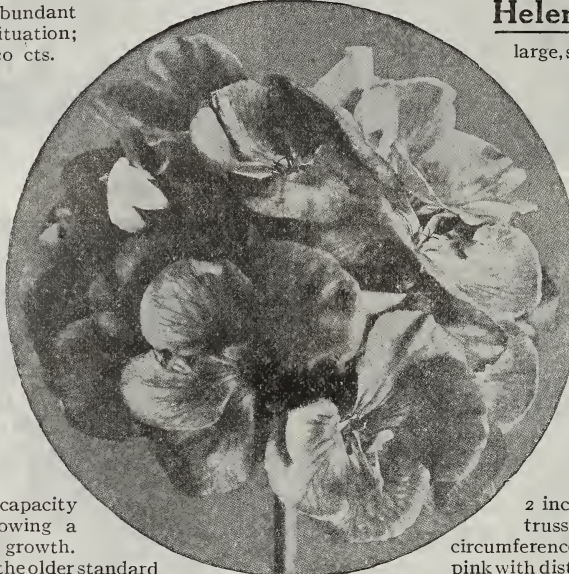
Alphonse Ricard. Semi-double, dwarf and branching, bright orange red.

***Beauty Poitevine.** Rosy salmon, nicely shaded and tinted from deep orange to pure salmon.

Bertha de Pressily. Absolutely the only double pure delicate pink Geranium that does not fade.

Flamingo. Showiest and most commendable double dark red on our grounds. Its rich color is unadulterated, and blooming capacity unlimited, the plant showing a clean, healthy, branchy growth.

Francois Perkins. Among the older standard bedding varieties, no double pink equals it.



Helen Michell. Flowers very large, semi-double and numerous; bright orange scarlet. 20 cts. \$2.00 per dozen.

Heteranthe. Exceptionally large trusses of semi-double flowers; clear orange scarlet.

***Jacquerie.** Deep carmine red. 20 cts.; \$2.00 per dozen.

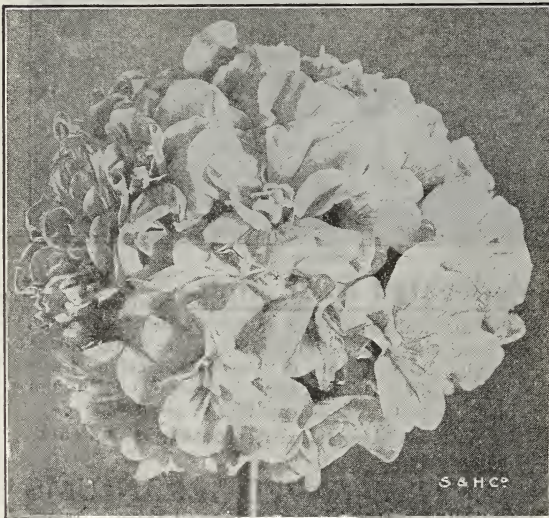
Jean Oberle.

An exquisite shade of hydrangea-pink, fading to white at the outer edges; florets and truss extremely large. Does not burn. 20 cts.; \$2.00 per dozen.

Jean Viaud.

2 inch semi-double flowers in trusses 12 to 15 inches in circumference. Of a beautiful clear, rosy pink with distinct white blotch at center.

Beauty Poitevine **La Favorite.** Very large trusses; snow-white.



Bertha De Pressily



Jean Oberle.

**Mad. Barney****GERANIUMS** (Continued)

Mad. Barney. A splendid bedding variety; extremely large, double flowers of brilliant rose. For solid beds of deep, showy pink, this variety is not surpassed.

Mad. Jaulin. The lovely "Apple Blossom Geranium," in color a varying combination of peach pink and bluish white. Dwarf and bushy. 20 cts.; \$2.00 dozen.

Mad. Landry. Semi-double; rich salmon shaded orange, edge of petals a brighter shade.

***Marquis de Castelaïne.** A giant among Geraniums. Color deep rosy scarlet, shading into pure scarlet at the edge of upper petals.

***Mrs. E. G. Hill.** Large single flowers; bright salmon, with a light shading at center.

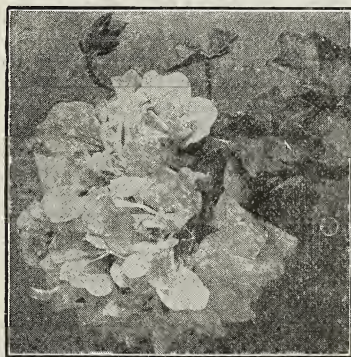
Mrs. Lawrence. A dwarf, compact grower equally valuable as a bedder or for winter pot-blooming; bright salmon-pink, slightly tinged white.

**Mrs. E. G. Hill**

***Rosalda.** (Single Bruant.) A strong, robust semi-dwarf variety with good bedding qualities. Flowers rich crimson pink, the upper petals heavily blotched white, with carmine veins. 20 cts.

**S. A. Nutt**

S. A. Nutt. "Old as the hills," but the one variety always dependable for a constant blaze of crimson from May until snowfall. Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$7.00 per 100.

IVY LEAVED GERANIUMS

Nothing more desirable for baskets, vases or for any trailing or climbing plant utility.

Achievement. Immense semi-double flowers of a distinct and pleasing shade of cerise pink. The foliage is rich in color and of heavy substance; growth dwarf, compact and sturdy.

Ballade. Flowers are large and abundant, semi-double, delicate lilac, blushed on upper petals and feathered crimson-maroon. 20 cts.

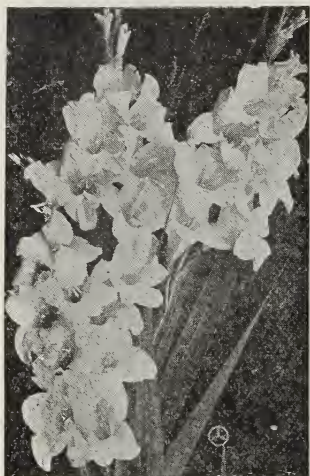
Caesar Franck. Enormous trusses of semi-double flowers, shaped and clustered much like "Crimson Rambler" Rose; vividly crimson, with a slight dash of rose at the base of petals. 20 cts.

Incomparable. Very large trusses and florets; a charming shade of carmine-rose.

Mrs. Mawley. Large, semi-double flowers; rosy cerise, shaded magenta, with a dark blotch on upper petals. A strong, robust grower.

Souv. de Chas. Turner. Florets $2\frac{1}{2}$ inches, in trusses six inches across; a deep, bright purple approaching scarlet, the upper petals feathered maroon.

Unless noted, 15 cts. each; \$1.50 per dozen.



Augusta



America



Halley



GLADIOLI

THIS CLASS of summer-flowering bulbs is doubly valuable for the brave field show of bloom, and for its generous supply of cut-flowers. Gladiolus flowers last longer when cut than most any other flowers, and develop in water to a greater perfection than if left on the plant. Any rich, light garden soil will grow Gladioli if properly worked in preparation, and exposed to the benefit of full sunlight. Bulbs should be planted from the middle of April on into May throughout the Northern States, a second planting after two or three weeks ensuring a more even succession of bloom. Set bulbs 2 to 4 inches deep and 2 inches apart in the drills, single rows 12 inches, and double rows 18 inches apart. Beds do well planted 4 to 6 inches apart each way.

GENERAL COLLECTION OF CHOICE NAMED GLADIOLI

Rate per 100 by express only. If wanted by mail in 100 lots, add 25 cts. per 100 for postage.

***America.** Beautiful, soft flesh-pink, faintly tinged lavender. A magnificent cut-flower. 6 cts. each; 60 cts. per dozen; \$4.00 per 100.

Augusta. Lovely pure white with blue anthers. 6 cts.; 60 cts. per dozen; \$4.00 per 100.

Baron Hulot. Rich, deep indigo blue. Besides being the only blue Gladiolus known, it is a really very fine sort. 10 cts. each; \$1.00 per dozen; \$7.50 per 100.

Chicago White. A superb new variety with tall straight stem on which well expanded flowers are snugly set. Flowers pure white, with faint lavender streaks in lower petals; very early. 8 cts. each; 75 cts. dozen; \$5.00 per 100.

Empress of India. Rich, dark mahogany, —almost black. Dwarf growing, but flowers of good size and free. 10 cts. each; \$1.00 per dozen; \$7.50 per 100.

Europa. The most prolific pure white Gladiolus, superior to older sorts in the great number of florets; Europa usually averaging from 20 to 25 perfect flowers, as many as 10 or 12 appearing at one time. The compact, dense formation, freedom and strong upright stems making them of exceptional value for cutting. 15 cts. each; \$1.50 per dozen; \$12.00 per 100.

Evelyn Kirtland. Tall and stately; flowers fairly sparkling with a characteristic lustre, and joyous color tones. Rosy pink, darker at edges and dimming to shell-pink at center; brilliant scarlet blotches on lower petals. 30 cts. each; \$3.00 per dozen.

Glory of Holland. This is one of the most reliable white sorts, furnishing abundant flowers. Stems are long, strong

and always erect. White, slightly flushed with pink. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

Goliath. Of great value as a garden flower if planted in generous quantity; the mass of dark, purplish blue flowers making a wonderful effect among the prevailing light shades of other Gladioli. 12 cts. each; \$1.25 dozen; \$10.00 per 100.

Gretchen Zang. (New.) Liberal bloom in that always acceptable shade; soft, melting pink merging into scarlet on lower petals. 30 cts. each; \$3.00 per dozen.

Halley. Delicate salmon-pink, slightly roseate, the lower petals showing a creamy blotch bisected by a red stripe. **One of the earliest** to bloom. 8 cts. each; 75 cts. per dozen; \$5.00 per 100.

Klondyke. Rather dwarf growth, but very desirable as one of the earliest yellows. Pale primrose with crimson maroon blotch on lower petals. 8 cts. each; 75 cts. per dozen; \$5.00 per 100.

Kunderd's Ruffled Glory. A new departure in Gladiolus form, a recently developed strain having distinctly and beautifully fluted or ruffled petals. This "Glory" variety is of good size in flower and spike, with long stalks. Color, delicate cream pink, with a crimson stripe on each lower petal. 10 cts. each; \$1.00 per dozen; \$8.00 per 100.

Liebesfeur. Among all the varieties which come in solid colors, this is one of the most brilliant; rich, pure scarlet. 15 cts. each; \$1.50 per dozen; \$12.00 per 100.

Lily Lehmann. A delicate combination of pink and white, unusually large for this type. Purest ivory-white flushed pink at tips of petals, with conspicuous lavender anthers. 15 cts. each; \$1.50 per dozen; \$10.00 per 100.

Loveliness. A beautiful cream colored variety of good form and substance; the throat slightly suffused with apricot. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

GLADIOLI (Continued)

Master Wietse. A superb new, tall, large flowered variety; very dark red-maroon overlaid blue. 15 cts. each; \$1.50 per dozen; \$12.00 per 100.

Mrs. Francis King. A fine strong growing variety with large spikes of showy flowers. Color a bright shade of pure scarlet. 6 cts.; 60 cts. per dozen; \$4.00 per 100.

Mrs. Frank Pendleton, Jr. A magnificent variety which has won various awards on account of its practicability for cutting, as well as for its beauty. Every bud opens up in water fully and perfectly. Flowers are very large and well expanded, of a lovely flushed salmon-pink; with blood-red blotches in the throat. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

Mrs. Watt. A very satisfactory kind showing many open flowers at one time, borne profusely from mid-season on, with thick, strong stalks. The color is that rich, velvety wine-color unmixd with any other shade, which has become familiar in the popular Hadley Rose. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

***Niagara.** Of America character, but somewhat larger; rich cream color deepening to canary yellow on lower petals. A faint carmine blush at tips of petals and streak at throat, with purple stamens and carmine stigmas, make a lovely combination. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

***Panama.** More deeply pink than America, and a trifle larger. 8 cts. each; 80 cts. per dozen; \$6.00 per 100.

Peace. A robust grower, reaching 5 feet in height, with a correspondingly long flower spike; pure white with faint lilac markings on lower petals. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

Pink Beauty. The very earliest Gladiolus to bloom, coming in ahead of Halley. Flowers medium size borne in long spikes, dull pink. 10 cts. each; \$1.00 per dozen; \$7.50 per 100.

Pink Perfection. Dainty, very large flowers of apple blossom pink. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

Prince of Wales. A seedling of Halley, which it somewhat resembles, but is even earlier to bloom; and on account of its attractive, nebulous orange color has become equally popular for early cutting. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

***Principine.** Surpassing Princes in freedom of bloom,—Principine showing several flowers at one time. Color is the same beautiful red with a white blotch in the throat. 8 cts. each; 80 cts. per dozen; \$6.00 per 100.

Schwaben. Extremely showy both as a cut flower and bedder. The color is pure canary yellow shaded sulphur, the golden yellow throat slightly blotched with dull carmine, but so deep as not to interfere with the all-yellow effect. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

War. Considered by many the best commercial blood-red to date. Its flowers are of immense size in long spikes, and borne freely. Late. 12 cts. each; \$1.25 per dozen; \$10.00 per 100.

Willy Wigman. Blush white, with dark scarlet blotch; large flowers of fine form. 10 cts. each; \$1.00 dozen; \$7.00 per 100.

PRIMULINUS HYBRIDS

A charming new type of Gladioli recently introduced from South Africa. Flowers run usually smaller than the general list, but are of pretty shape, generous in quantity without being crowded, and cover a long blooming period. They introduce those delightful tan and yellow and orange shades so eagerly sought in all flowers for cutting, and have become quite the vogue for table decorations during the season.

Adorable. Blooms very early on long spikes; blush white, daintily mottled with peach pink and cream. 20 cts. each; \$2.00 per dozen.

Apricot. Named for its color resemblance to the luscious Apricot fruit; of fine form and habit. 20 cts. each; \$2.00 per dozen.

Aurora. A charming variety, colored like the autumn tints of Maple leaves. Early. 15 cts.; \$1.60 dozen.

Conspicuous. Blooms early to late, unusually productive. Shows the rich yellow and red markings of Schwaben. 20 cts. each; \$2.00 per dozen.

Fire Fly. Very large, exquisitely formed flowers of brilliant pink, the throat a silvery rose. An important early cut-flower, and one of the most productive. 25 cts. each; \$2.50 per dozen.

Orange Brilliant. Medium size, uncrowded, early flowers, very useful for cutting; brilliant orange. 15 cts. each; \$1.60 per dozen.

Tea Rose. Prolific, long stemmed, medium early. Yellow, faintly tinged with orange. 30 cts.; \$3.00 doz.

Velvet Gem. Very dark velvet flowers; valuable in bouquets to provide extreme contrast. 25 cts., each; \$2.50 per dozen.

**Kunderd's Ruffled Glory**


S. & H. Co.


"OLD GLORY" MIXTURE

The few seasons past, during which we have run this mixture, it has become so popular we cannot afford to discontinue it, or cheapen its quality. We have therefore assembled for the coming season a suitable quantity of choice named varieties which equal in quality and color distribution any "Old Glory" collection of the past; confidently expecting it to pave the way for even greater patronage a year hence. This collection is entirely our own, in which we take a reasonable pride. We shall not offer any other mixture. By mail, 60 cts. per dozen; \$4.00 per 100. By express, 50 cts. per dozen; \$3.50 per 100; \$30.00 per 1000.

**Mrs. Frank Pendleton, Jr.**

GREVILLEA ROBUSTA



The "Silk Oak" is as graceful as a palm; as delicate in texture or form of leaf as a fern. The young growth is a light bronze color, the tips being covered with a soft down closely resembling raw silk; grows very fast. 20 cts. each; \$2.00 per dozen.



HELIOTROPE

Buisson Fleuri. Semi-dwarf growth, covered by unusually large trusses of large, flat-faced flowers. Color, rosy violet with star-shaped eye.

Centefleur. A very striking variety entirely distinct from all others; dwarf growing with fine, neat foliage. Flowers are deliciously fragrant, florets wide and flat, color deep true heliotrope, with conspicuous white eye. Sprays are of the largest size, completely covering the plant. 20 cts. each; \$2.00 per dozen.

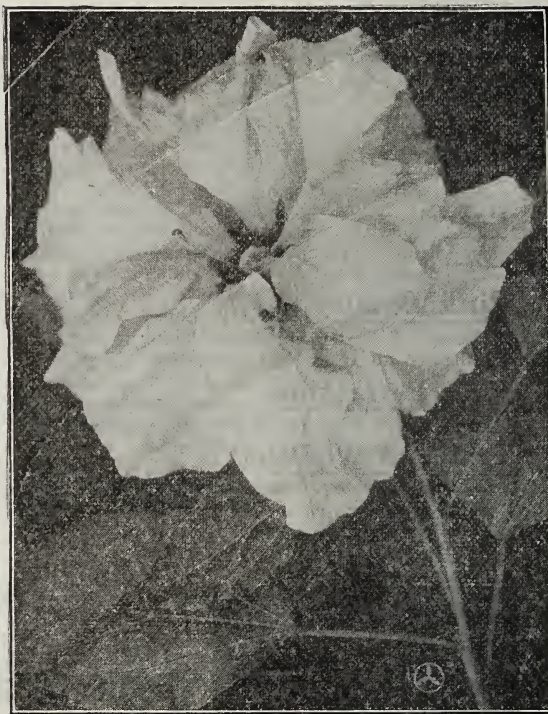
Jersey Beauty. A variety with which every one is familiar; one of the best for all purposes. Bright mauve purple.

Mad. Bruant. The variety which we are now growing is not so tall as the older Bruant, nor the pronouncedly dwarf type, but a happy medium of compactness and stability; rich dark purple.

Snow Wreath. Blooms in large trusses of fragrant white flowers. An excellent sort.

Unless noted, 15 cts. each; \$1.50 per dozen.

HIBISCUS SINENSIS



Hibiscus Peachblow

Strong growing tropical plants with handsome glossy foliage and large, brilliant, showy flowers. In a warm sunny window they make fine decorative plants and bloom profusely. If planted in the open ground during the summer they make a gorgeous display with their enormous, bright-colored flowers.

Aurantiaca. Large, double orange colored flowers; very novel and attractive. 25 cts.

Colleri. Rich buff with distinct crimson throat markings. 25 cts.

Mineatus Semi-Plenus. Half double, prettily ruffled flowers; light vermilion-scarlet. 20 cts.

Peachblow. Flowers double; of a rich shade of clear pink, with small, deep crimson center; most beautiful shading; four to five inches in diameter. Blooms freely even on small plants. 25 cts.: \$2.50 per dozen.

HYDRANGEA HORTENSIS



This class of Hydrangeas is not hardy in the Northern States, and should be brought into the house before freezing fall weather. A cool, light cellar location is preferable with occasional watering, but keep them dormant even if a cooler temperature is found necessary. Early in spring bring up to the piazza or other exposed location and apply water liberally. When in full bloom keep slightly shaded to lengthen the blooming period. A soil composition of turfy loam and one-third rotted cow manure is best for potting.

Otaska. The old favorite used so extensively in pots at Easter time, and for lawn decoration in summer. 20 cts. By express, 5-inch pot plants, 75 cts.

Ramis Pictis. (Red Branched.) A distinct variety both in foliage and flowers. The flowers are deep rose color, produced in immense trusses, while the branches are dark red, becoming brighter as they near the flower truss. 20 cts.

NEW FRENCH HYDRANGEAS



The following list of varieties are all new sorts improved by the French growers and an acceptable addition to our list of first class house plants. These plants will be practically dormant when shipped, but will soon respond to sunlight and plenty of water.

Baby Bimbenet. Very dwarf, early and free; distinct from others in that each and every shoot produces flowers. Large, compact trusses of silvery rose.

Mme. Auguste Nonin. An unusually pretty pale pink, in good sized trusses.

Above, 2½-inch pots, 25 cts.; 5-inch, by express, 75 cts.

Bouquet Rose. Large trusses of well formed flowers; rosy amber, turning to bright pink.

Mad. Emile Mouillere. One of the very best; with immense trusses of florets frequently over two inches in diameter. Pure white, with rosy carmine eye.

Mad. Maurice Hamar. A pleasing shade of delicate flesh-pink.

Souv. de Mad. Chautard. Shapely plants of robust habit, bearing medium sized, but extremely pretty, flowers of bright rose.

Vicomtesse de Vibraye. A favorite early forcing sort, bright rose, changing to blue.

Above, by mail, 2½-inch pot plants, 20 cts. each.

Above, by express, 5-inch pot plants, 75 cts. each.

SPECIAL OFFER.

One each of 7 sorts, small size, by mail, \$1.00.

One each of 7 sorts, 5 inch pots, by express, \$4.25.

IMPATIENS SULTANA HYBRIDS

One of the prettiest and most satisfactory house plants for winter blooming as well as a charming feature of the summer garden. These plants commence blooming when very small, are seldom out of bloom, and when at their best display a profusion of flat, single flowers, ranging from intense carmine-rose to white; against a rounded background of glossy green leaves. 20 cts. each; \$2.00 per doz.

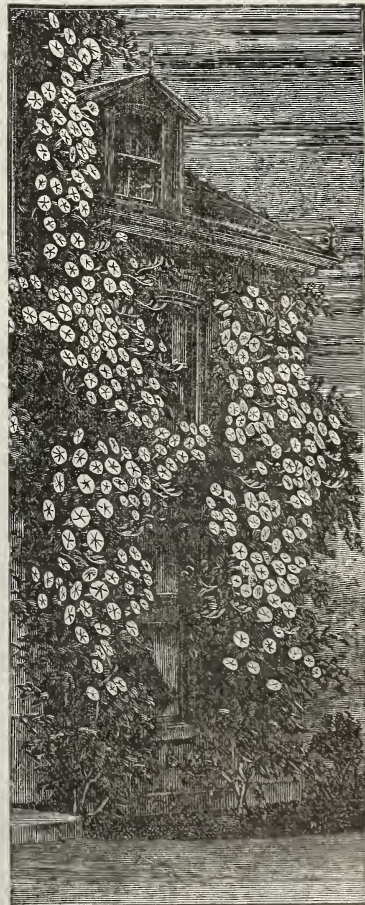
IPOMEA

(Moon Flowers)

One of the most popular summer vines. The foliage is graceful and serviceable, and the vine a rapid climber, attaining a length of 40 feet in a season. The flowers are borne abundantly throughout a long season opening at sundown, emitting a rich Jessamine odor at night, and closing about noon next day.

Grandiflora. White. Satiny white flowers, five to six inches in diameter. 20 cts.; \$1.75 per dozen.

Learii. (Blue.) Intense violet-blue, with reddish purple rays. 25 cts.; \$2.50 per dozen.



IVY



English Ivy

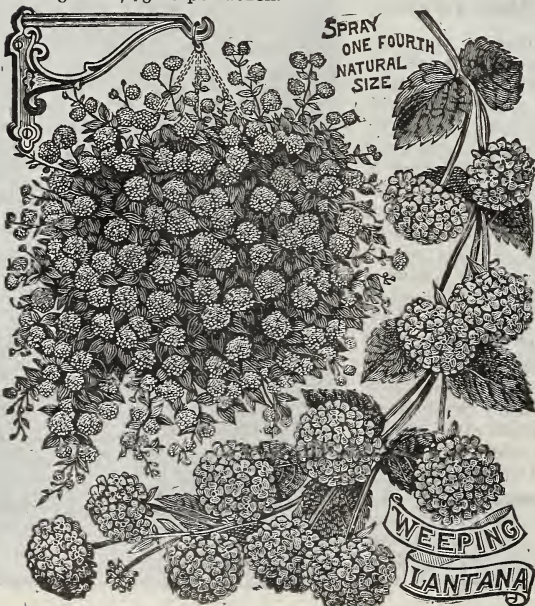
English. One of the very few good climbing plants for the house. Foliage is rich waxy green with prominent lighter veins and is very attractive when trained against harmonious paper or woodwork. If planted out doors, the vines must be taken down and carefully covered for winter, in this northern latitude. 2½-inch pots, 20 cts.; \$1.85 per dozen. 4-inch pots, tops 2 to 3 feet long, 35 cts.; by express, \$3.50 dozen.

Parlor. A fast running vine, that is unsurpassed for use in hanging baskets and urns where delicate green foliage is needed. 15 cts.; \$1.50 per dozen.

JASMINE

Cape Jessamine. (Gardenia Florida.) A beautiful evergreen shrub 2 to 4 feet high, with small, solitary, starshaped flowers of delightful fragrance; very popular in Southern gardens for continuous summer bloom. Not hardy north of the Ohio river, but of value as a house or conservatory plant. 30 cts.; \$3.00 per dozen.

Grand Duke. A full double-flowered type of the Arabian Jasmine, exquisitely scented and of beautiful form for use as men's boutonnières. This variety is practically everblooming, being particularly free in frostless countries where it can stand outdoors. 30 cts.; \$3.00 per dozen.



Jasminum Grandiflorum. (Spanish Jasmine.) Grows nearly erect, with angular, drooping branches. Used more than any other variety on account of its abundant fragrant, starry bloom, throughout the winter, as well as during its summer stay in the garden. Will stand 10 to 12 degrees of frost. 25 cts.; \$2.50 per dozen.

LANTANAS



Showy bedding and basket plants that are being used more extensively than ever before. They are in bright, catchy bloom continuously from spring until frost cuts them down in the fall; at all times emitting a pleasant, pungent fragrance.

Corbeille d'Argent. A free blooming pure white variety, dwarf and compact.

Countess de Biencourt. Brilliant rose-pink surrounding a center of creamy yellow.

Craigi. Dark, cardinal-red velvet, its center studded with gold; extremely florescent.

Jacob Schultz. Rich, velvety crimson-wine, with a varying center of blood-orange. This is the darkest and showiest sort, and is a strong grower. 20 cts. each; \$2.00 per dozen. By express, \$14.00 per 100.

La Pluve d'Or. ("Shower of Gold.") Dwarf stocky growth; resplendent all summer with masses of golden-yellow cymes. 20 cts. each; \$2.00 per dozen.

Michael Schmidt. A bold, brilliant fire-red; its few yellow florets at center heightening the flame effect.

Protel. A dainty intermingling of cream and lilac-rose.

Seraphim. A dense crown of pale gold, wreathed with garlands of rosy pink.

Tethys. High-built cymes of but one color; pure canary yellow, fading to cream. 20 cts. each; \$2.00 per dozen.

Viator. Sulphur yellow, tinged and slightly edged with varying pink tones.

Weeping Lantana. A fine plant for winter flowering in pots or small hanging baskets. Flowers delicate rosy lilac, borne freely all over the plant from the base of each leaf stalk.

Unless noted, 15 cts. each; \$1.50 per dozen.
By express, \$10.00 per 100.

LEMON PONDEROSA

A fragrant breath of the South translated into Northern homes. The dark, glossy foliage winters well and is always verdant, the attractive flowers of pure white with yellow stamens are refreshing in their waxen beauty and subtle perfume, while their crowning glory is the fruit. Five or six times as large as the ordinary Lemon of commerce; of perfect shape and even ripening—Ponderosa represents the highest quality as a fruit, while the combination of flower, fragrance, fruit and tree-like growth, makes it one of the grandest and most satisfactory window and porch decorative plants in existence. 25 cts. each; \$2.50 per dozen. 5 inch pots, 15 to 18 inches high, by express, \$1.50.



MADEIRA VINE

A beautiful rapid growing vine with dense foliage. Grows well anywhere, but succeeds best in sunny, well sheltered location. Strong tubers, 15 cts. each; \$1.50 per dozen.

MANETTIA VINE

A free and continuous bloomer, completely filled at all times with small tubular flowers of brilliant scarlet, shading into yellow at tips. Especially desirable for baskets, vases or small trellises. 20 cts. each; \$2.00 per dozen.

OLEANDERS

Old fashioned house plants still

found useful for tubs, in porch and terrace decoration. We offer two separate colors, **Rose** and **White**. 3 inch pots, 25 cts. each; \$2.50 per dozen.

OTAHEITE ORANGE

Firm, rounded, shiny, green foliage always attractive. The creamy white flowers are of charming form, usually in small groups, and exquisitely scented.

A grand plant for winter culture; scarcely ever without some display of fragrant blossoms or fruit. Fruit edible; about half the size of ordinary oranges. 25 cts. each. Fine plants from 4 inch pots, 12 to 15 inches high, by express, \$1.00 each.



PALMS—See Page 94.

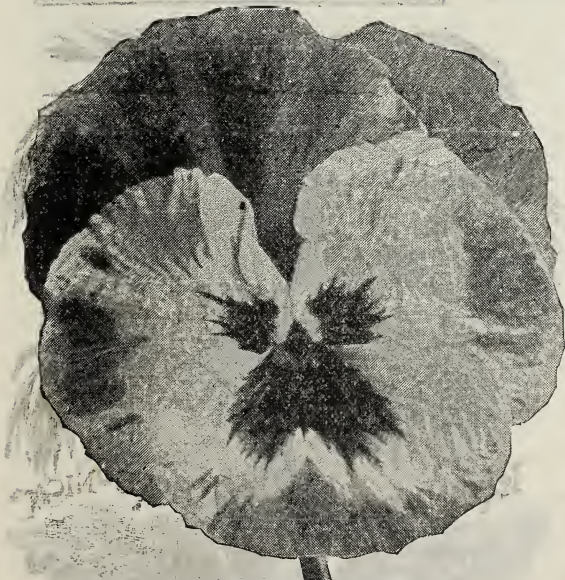
PANSY PLANTS

Nice thrifty started plants propagated from our Superb Giant Pansy seed. Colors and markings are widely varied, and represent the largest flowered strain in cultivation. 50 cts. per dozen. \$3.50 per 100 by express.

PASSIFLORA (Passion Vine)



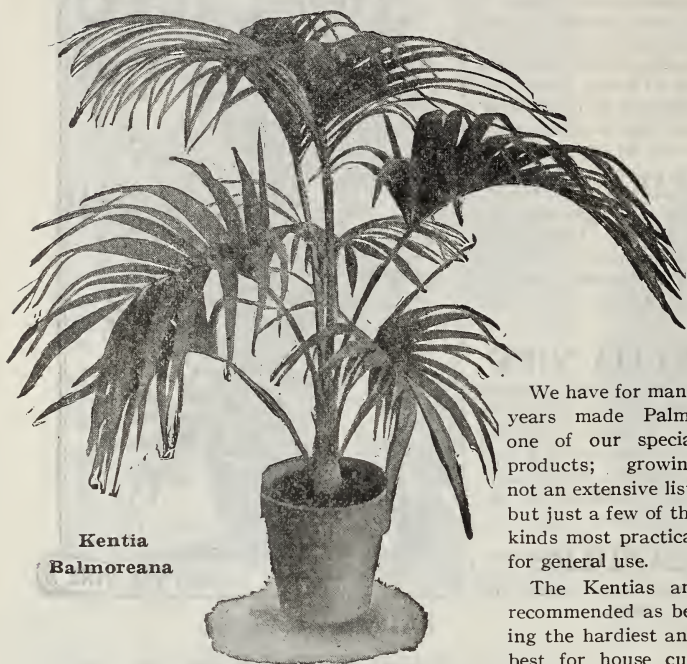
Constance Elliot. A rapid growing climbing plant, well adapted for house culture in winter or for training over porches, etc., during summer. The flowers are pure white, excepting a very slight coloring at the base of the corolla. 25 cts. each; \$2.00 per dozen.



Superb Giant Pansy



PALMS



**Kentia
Balmoreana**

We have for many years made Palms one of our special products; growing not an extensive list, but just a few of the kinds most practical for general use.

The Kentias are recommended as being the hardiest and best for house culture, dust and gas not

affecting them as much as some other Palms. Where height of plant is given, it means from top of pot.

Kentia Balmoreana. This is, in our estimation, the very best Palm for house culture, as well as the most graceful and handsome. There are few plants that give more satisfaction all the year round.

Kentia Forsteriana. Much like Balmoreana, except that it grows taller, with larger, heavier foliage.

Areca Lutescens. Glossy green leaves gracefully arched on slender stems, the entire construction one of grace and beauty.

Cocos Wedelliana. A strikingly handsome little plant, six to seven inches high, used for small jardinières and in Fern dishes to a great extent. 25 cts.

Latania Borbonica. (Fan Palm.) A beautiful Palm, with large deeply divided, fan-shaped leaves. It is of easy cultivation, and should be in every collection.

Phoenix Roebelenii. A very graceful, dainty Palm as light and feathery as a Cocos, but as hardy as a Kentia. Will be found the correct thing for small jardinière or fernery. 6-inch pot plant, 15 to 18 inches high. 35 cts. each.

PANDANUS VEITCHI

Graceful curved foliage, light green striped with broad bands of pure white. An attractive decorative plant that stands ordinary house culture well and is always fresh and bright in appearance. Large plants by express. From 4-inch pots, \$1.00; from 5-inch pots, \$1.50.

KENTIA BALMOREANA

Mail Sizes:

2½ inch pot.....25 cts.
3 inch pots, 10 in. high.....50 cts.

Larger Sizes by Express

4 in. pots, 12 to 15 in. high....\$1.00
5 in. pots, 15 to 20 in. high.... 2.50

ARECA LUTESCENS

Mail Size:

2½ inch pot.....25 cts.

Larger Sizes by Express

4 inch pots, 15 in. high.....\$1.00
5 inch pots, 18 to 24 in. high.... 2.00

KENTIA FORSTERIANA

Mail Sizes:

2½ inch pot.....25 cts.
3 inch pots, 10 in. high.....50 cts.

Larger Sizes by Express

4 in. pots, 15 to 18 in. high....\$1.00
5 in. pots, 18 to 24 in. high.... 2.50

Special. Single specimens, usually strong, well branched and hardened; better form than most "made-up" specimens.

36 in. high, in tub.....\$ 7.50
48 in. high, in tub..... 10.00
54 in. high, in tub..... 15.00
60 in. high, in tub..... 25.00

LATANIA BORBONICA

Mail Sizes:

2½ inch pot.....25 cts.
3 inch pot.....50 cts.
4 in. pot, 12 in. high, 5 leaves....\$1.00

By Express:

6 inch pot—20 inches high,
5 to 6 leaves.....\$2.50



PELARGONIUMS

(Lady Washington Geraniums)



A valuable class of house and garden plants related to the Geraniums, resembling them closely in character, habit and treatment. Pelargoniums revel in hot sun light, withstanding temperature and glare that would shrivel other flowers. All they ask is plenty of water. They do not grow as dense or compact as Geraniums, consequently it is advisable to pinch back the long shoots once or twice prior to their blooming season in April, thus ensuring a nicely rounded, bushy shape.

Andenken an London. Enormous round, scarlet flowers with a distinct white center; the two upper petals blotched with black.

Dorothy. Beautiful fringed variety. Flowers large; rosy salmon with dark maroon blotch on upper petals, richly shaded plum color around the throat. Its fringed and ruffled edge gives the flower a very light and delicate appearance. 30 cts. each.

Easter Greeting. Flowers are large and free; bright amaranth red, each petal marked with a large black blotch. This variety is distinct from the rest, and remarkable on account of its long blooming season, not only producing its prime crop very early in spring, but ordinarily continuing throughout summer and fall. 30 cts. each.

Egyptian. Very dark red with black blotch; free blooming, fine habit.

Erbprinzessen Ysenburg. A uniquely spotted effect which is very chic and pretty. Light red, with center, narrow edge and all-over dots, of white. 30 cts. each.

Lucy Becker. A bright pink sport of Easter Greeting, with large maroon blotches edged fiery crimson on all the petals; very free bloom.

Madame Vibert. A splendid flower with black maroon blotches bordered fiery red, the entire flower edged with rose. Growth and blooming qualities excellent.

Miss Saunders. Very large bloom, with a certain air of dignity and refinement. Pure white; the two upper petals broadly blotched with purplish crimson. 30 cts. each.

Montebello. Pink, blotched white.

Mrs. Loyal. (The genuine "Pansy Geranium.") Rounded, satiny, exquisitely marked and colored—this variety is truly Pansy flowered. Its colors range from a large crimsoned chocolate center through pink to white at the edges. Growth characterized by compactness and sturdiness. 20 cts. each; \$1.75 per dozen.

Mrs. Robert Sandiford. The flowers are three inches across, perfectly double and very free in bloom; the purest snow white.

Peter Hoser. Fiery brick red, with black blotches on each of the five petals; large flowers and clusters.

Prof. Correns. Deep rose, with dark blotches.

Sandiford's Best. A beautiful shade of pink, surrounded by a deep band of purest white, with a large white throat.

Wonder. A splendid semi-double white flower of great beauty; very pure in color, occasionally showing a small rich maroon spot in upper petals. Flowers are profuse, and beautifully fringed.

Unless noted, 25 cts. each; 3 for 65 cts.; \$2.25 per dozen.

PETUNIAS



Double. A splendid assortment of fully double flowers in white, pink, purple and blotched.

Giant Ruffled. Flowers ruffled and fringed, colors rich and gorgeous, with deep throats of various shades. Fine single mixed.

Rosy Morn. Of compact, bushy growth, fifteen inches in height, covered the entire season with one and one-half inch flowers. Throat silvery-white, outer edge heavily shaded soft rose-pink.

15 cts. each; \$1.50 per dozen; \$10.00 per 100.

PLUMBAGO

Capensis. Excellent for bedding out in summer or growing in pots for single specimen plants, producing large trusses of delicate azure blue flowers.

Capensis Alba. Beautiful creamy white flowers. 20 cts.; \$2.00 per dozen; extra large, 35 cts. each.

SALVIA (Scarlet Sage)

Salvia Zurich

The showiest, cheapest and most practical red obtainable, for summer beds and borders.

America

Finest and showiest of all the Salvias; the earliest, freest and most continuous bloomer. Plants grow about 15 inches high, precisely uniform, richly green; above which blaze the immense, compact spikes of scarlet flowers to a maximum height of 2 feet. 20 cts. each; \$1.75 per dozen; by express, \$9.00 per 100.

Splendens. One of the finest of all bedding plants, being completely covered in Autumn with long spikes of dazzling scarlet flowers remaining in bloom until cut down by frost.

Zurich. Dwarf, early and compact; constantly in bloom even in the smallest pots.

Splendens and Zurich 15 cts.; \$1.25 per doz; by express, \$7.00 per 100.

PRIMULA (Primrose)**Malacoides.**

A vigorous type of the "Baby Primrose." Very useful for table decoration, and to furnish cut flowers for delicate bouquets. Blooms practically all the year with good sized trusses of dainty little rose lilac flowers. 20 cts. each; \$2.00 per dozen.

**SANSEVIERIA ZEYLANICA**

An ideal decorative plant; will stand more hardship and more abuse than any other house plant of which we know. Leaves thick and of leathery texture, not affected by gas, dust or heat. Grows to a length of three to four feet, and is beautifully striped cross-wise of leaves with broad white variegations on a dark green ground. 25 cts.; \$2.50 per dozen.



Sansevieria



Fountain Plant



Tuberose Excelsior Pearl



Vinca Major Variegata

SWAINSONIA

Galegifolia Alba. A very popular everblooming house plant, blooming in sprays of 10 to 20 flowers shaped much like Sweet Peas. Its pure white flowers are used extensively in cut-flower work. 25 cts. each; \$2.50 per dozen.

Galegifolia Rosea. Flowers deep rose or rosy crimson. 25 cts. each; \$2.50 per dozen.

THYRSACANTHUS RUTILANS

(Fountain Plant)

A greenhouse plant of easy growth, and when in bloom a graceful specimen for table decoration. Its tubular shaped carmine flowers are borne on long, drooping thread-like branches, 12 to 16 inches in length. 25 cts. each; \$2.50 per dozen.

TRADESCANTIA (Wandering Jew)

Beautiful trailing vines with thick, waxy, lance shaped foliage; very useful in baskets and window boxes.

Striata. Bright green, striped creamy yellow, with grayish green reverse.

Cyanotis Multicolor. Striped maroon and greenish white.

15 cts. each; \$1.25 per dozen.

TUBEROSE

Fall flowering bulbs whose exquisite perfume affords one of the most positive delights in our late gardens.

Excelsior Pearl. Double white; dwarf. 8 cts. each; 75 cts. per dozen. By express, \$5.00 per 100.

VERBENA PLANTS

Beautiful, highly colored umbels borne very freely throughout the summer bedding season; purple, scarlet, pink and white. 15 cts.; \$1.25 per dozen. By express, \$7.00 per 100.

VINCA

Major Variegata. More of this used for baskets and vases than there is of any other two basket plants. Beautiful variegated green and white foliage, strong, trailing habit of growth. 15 cts.; \$1.25 per dozen. 4-inch pot plants, 25 cts.; by express, \$2.50 per dozen.

Periwinkle. Everblooming bedding plants, flowers phlox shaped. In separate colors, rose or white. 15 cts.; \$1.50 per dozen.

VIOLETS

Of all delightful perfumes, that of the Sweet Violet is the most delicate and pleasing. If grown in the house for winter flowers, they should be kept at a low temperature; they will not bloom freely where it is too warm. If left in the open ground during the winter, protect with a covering of leaves.

Hardy English or Russian. Perfectly hardy, good sized deep purple, double flowers. One of the most popular sorts for garden planting.

Lady Campbell. Deep purple, double flowers.

Princess of Wales. Broad Pansy-like flowers of a beautiful violet purple shade, with lighter center. A vigorous growing plant with clean healthy foliage and stiff long stems. One of the most beautiful and free flowering Violets.

Swanly White. Flowers large, double, pure white. About the only good white variety on the market.

20 cts. each; \$2.00 per dozen.

WATER HYACINTHS

Pondetaria. Very interesting and beautiful, floats on the surface of the water and produces fine spikes of light rosy lilac orchid-like flowers. 20 cts. each; \$2.00 per dozen.

WATER LILY

Nymphaea Odorata. The well known white fragrant Pond Lily. 25 cts. each; \$2.50 per dozen.



Water Hyacinth



WHEN considering the succeeding lists of Roses, we would like to refer to you our long years of successful experience in growing them out in the open. There is probably no better soil or climate in the world for properly developing the Hardy Rose Bushes, than that it is our good fortune to own. Established in heavy clay soil near the bank of Lake Erie; assiduously cultivated, staked, tied up and generally fostered like a favorite child, our Rose garden of about sixty acres annually sends out hundreds of thousands of choice products which advertise our business and continue our prestige. This year however, owing to war conditions having interfered with propagation, we regret to report a serious shortage in all classes of Roses, especially in the Hybrid Perpetual class.

We have carefully classified and arranged the varieties of Roses offered in this catalogue, making two general divisions of **Hardy Field Grown** sorts, and **Pot Grown** varieties. Special mention is made wherever certain sorts are offered in both divisions.

BUSH ROSES CUT BACK READY TO PLANT.

Yielding to the often expressed wishes of many patrons, who desire their Rose bushes cut back properly, all ready to plant, we are therefore (omitting the Climbers and Baby Ramblers, which need little pruning), furnishing **all Dormant Bush Roses to you, whether by mail or express, trimmed ready to plant.**

Order Early. To obtain the best results with spring planted Roses, they should be put into the ground as early in March as the temperature and condition of the soil will permit. Where rate is not prohibitive, we would advise ordering shipments by express; the plants will come to you more safely packed and in much livelier condition than if sent by mail or slow freight.

Treatment on Arrival. If upon arrival the roots seem to be very dry, soak them thoroughly in water; if the stems as well are too dry, bury the entire plant in the ground for two or three days. At no time after unpacking should the roots be exposed to the sun or dry winds; a very little neglect at this time working serious if not fatal injury to the bush.

Planting. In preparing a Rose Bed, select a sunny location guarded from cold north winds, if possible. Dig out the beds to a depth of two or three feet and about three feet in width; then refill the trench with a mixture of soil (any good fertile soil will do) and well rotted cow manure, making provision for good drainage if location is not naturally drained. Time should be allowed for this filling to settle, the final top surface being an inch or two below the edges of the bed. Do not raise the surface of Rose beds above the surrounding surface. They suffer less from drought when left level with the turf. Plant your Roses in the center, being very particular to press and tamp the soil firmly around the roots; and soaking the bed thoroughly at the finish. The Everbloomers may be set 18 inches apart, the Hybrid Perpetuals about 2 feet. After the plants have been set out, keep the soil loose to the depth of an inch or two, by frequent stirrings. An occasional soaking with weak manure water is a great help to Roses of all sorts, and is especially active during the blooming season. Towards the end of July, a mulch of long-strawed manure will aid in preserving what moisture is in the soil during the customary droughts of the "Dog Days."

Protect for the Winter by covering bed at least 6 inches with leaves or manure; a binding surface of dirt, cornstalks or boughs on top. A convenient method is to confine this dressing by an enclosure of 12 inch chicken wire.

Pruning. Roses are usually shipped with most of their wood, but it is a mistake on the part of many planters to put them in the ground untrimmed. The weak shoots are usually removed by us before sending stock out, so that what the customer gets is all ready to plant except cutting back. Hybrid Perpetual Roses should be cut back, every shoot, to about 6 to 8 inches above the crown or that part above the roots where the stem begins to branch. Teas and Hybrid Teas need not be cut back quite so hard; the Polyanthas not at all unless stems are too numerous. Every Spring, usually the fore part of March, just before the leaf buds begin to swell, these classes should be treated similarly and the winter covering gradually removed. The Rugosas are pruned merely to keep their growth within bounds and to remove dead wood; the Hardy Climbers are merely trimmed, and inasmuch as their bloom comes only on wood made the season before, the safest and most beneficial time for pruning is immediately after their blooming season and before they make new summer growth. Suckers from the Manetti stock should be cut off at once, and may be recognized by a difference in color and arrangement of seven leaves, instead of five, as in almost all varieties of Roses. Do not be afraid of the knife; the flowers will be larger and richer in color, and the bed more sightly.

Capacity of Rose Beds. Although in warm localities, where plant growth is luxurious, a greater interval is necessary, 18 inches apart is generally accepted as the proper spacing. On this basis, beds 4½ feet wide will take three rows, and if six feet long will require a dozen plants. Or a dozen plants would occupy a 3-foot bed with two rows nine feet long. Delightful arrangements in odd shapes, and by combination of various classes, may be worked out according to the individual planter's fancy and ingenuity.

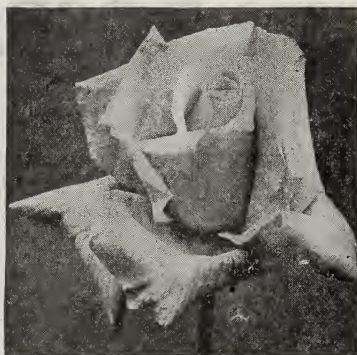
PRICE LIST OF HARDY 2-YEAR FIELD GROWN ROSES

Below is a compact table of prices connected with every variety of Rose described on succeeding pages. Note separate columns and differing prices for those shipped by mail and for those by express. We would strongly advise express delivery to all patrons; larger stronger stock can be more safely packed and will carry through in better condition than if sent by mail.

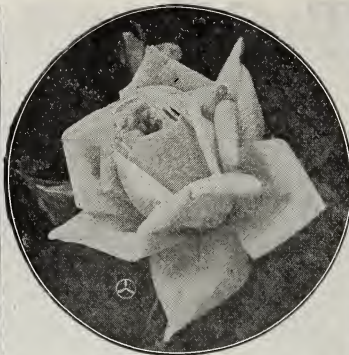
Abbreviations: "T" means Tea, an extensive class of tea scented everblooming roses; usually available only as hot-house or pot plants. "H.T." means Hybrid Tea, hybrids of Tea roses, generally hardier, larger flowered and good for outdoor planting. "H.P." means Hybrid Perpetual, hardy field roses blooming normally but a short time, in June and July. "H.C." means Hardy Climber, hardy outdoor trellis roses, including the modern "Ramblers." "Poly." means Polyantha, usually small flowered cluster roses of dwarf growth and long blooming season (includes the so-called "Baby Ramblers"). "Per." means Pernetiana, hybrids derived from combining various classes by the celebrated M. Pernet. "R." means Rugosa, and "R.H." means its Hybrids, a valuable class of a shrubby nature for landscaping. "M" means Moss, of short season, but uniquely mossed on its flower stems. "W.H." means Wichuriana Hybrids, varieties of the Memorial or Creeping Roses. "S.B." means Sweet Briar, various hybrids of which are much prized for landscape uses. The "Wild" roses are cultivated plants of the native types.

Where a variety is also offered in the Pot Grown Division, its name is preceded by a star ().

2-Yr. Field Grown Roses		MAIL		EXPRESS			2-Yr. Field Grown Roses		MAIL		EXPRESS		
VARIETIES	Class	Each	10	Each	10	100	VARIETIES	Class	Each	10	Each	10	100
American Beauty.....	H.T.	\$1.00	\$9.50	\$0.95	\$9.00	.....	Lucy Ashton.....	S.B.	\$0.75	\$7.00	\$0.70	\$6.50	.....
*American Pillar.....	H.C.	.75	7.00	.70	6.50	.....	Luxembourg.....	M.	.85	8.00	.80	7.50	.....
Amy Robsart.....	S.B.	.75	7.00	.70	6.50	.....	Lyon Rose.....	Per.	1.00	9.50	.95	9.00	.....
Anne de Geierstein.....	S.B.	.75	7.00	.70	6.50	.....	Mad. Abel Chatenay... H.T.	1.00	9.50	.95	9.00	.....
Antoine Rivoire.....	H.T.	1.00	9.50	.95	9.00	.....	" C. Testout.....	H.T.	1.00	9.50	.95	9.00	.....
Baby Rambler.....	Poly.	.90	8.50	.85	8.00	.....	" Cutbush.....	Poly.	.90	8.50	.85	8.00	.....
*Baby Tausendschön.....	Poly.	.90	8.50	.85	8.00	.....	" Edouard Herriot.....	Per.	1.00	9.50	.95	9.00	.....
Baltimore Belle.....	H.C.	.60	5.50	.55	5.00	.....	" Georges Bruant.....	R.H.	.90	8.50	.85	8.00	.....
Betty.....	H.T.	1.00	9.50	.95	9.00	.....	" Jules Grolez.....	H.T.	1.00	9.50	.95	9.00	.....
Blanche Moreau.....	M.	.85	8.00	.80	7.50	.....	" M. Soupert.....	H.T.	1.00	9.50	.95	9.00	.....
Blanda.....	Wild.	.60	5.50	.55	5.00	.....	" Plantier.....	China	.75	7.00	.70	6.50	.....
British Queen.....	H.T.	1.00	9.50	.95	9.00	.....	Magna Charta.....	H.P.	.90	8.50	.85	8.00	.....
Carolina.....	Wild.	.60	5.50	.55	5.00	.....	Manda's Triumph.....	W.H.	.60	5.50	.55	5.00	.....
*Climbing Am. Beauty.....	H.C.	.80	7.50	.75	7.00	.....	Mary Cts. of Ilchester. H.T.	1.00	9.50	.95	9.00	.....
*Clotilde Soupert.....	Poly.	.90	8.50	.85	8.00	.....	Meg. Merrilies.....	S.B.	.75	7.00	.70	6.50	.....
Conrad F. Meyer.....	R.H.	.90	8.50	.85	8.00	.....	Mildred Grant.....	H.T.	1.00	9.50	.95	9.00	.....
Couness of Murinaise.. M.	.90	8.50	.85	8.00	.....	Miss Cynthia Forde.....	H.T.	1.00	9.50	.95	9.00	.....
Crested.....	M.	.90	8.50	.85	8.00	.....	*Mrs. Aaron Ward.....	T.	1.00	9.50	.95	9.00	.....
Crimson Rambler.....	H.C.	.85	8.00	.80	7.50	.....	" A. R. Waddell.....	H.T.	1.00	9.50	.95	9.00	.....
Dean Hole.....	H.T.	1.00	9.50	.95	9.00	.....	" Chas. Russell.....	H.T.	1.00	9.50	.95	9.00	.....
Debutante.....	W.H.	.60	5.50	.55	5.00	45.70	" Geo. Shawyer.....	H.T.	1.00	9.50	.95	9.00	.....
Deuil de P. Fontaine... M.	.90	8.50	.85	8.00	.....	" C. W. Thompson.....	H.C.	.90	8.50	.85	8.00	.....
*Dr. Van Fleet.....	H.C.	.90	8.50	.85	8.00	.....	" Wakefield C. Miller H.T.	1.00	9.50	.95	9.00	.....
Dorothy Page Roberts. H.T.	1.00	9.50	.95	9.00	.....	Multiflora.....	Wild	.60	5.50	.55	5.00	.....
*Dorothy Perkins.....	H.C.	.85	8.00	.80	7.50	70.00	New Century.....	R.H.	.90	8.50	.85	8.00	.....
*Echo.....	Poly.	.90	8.50	.85	8.00	.....	*Ophelia.....	H.T.	1.00	9.50	.95	9.00	.....
*Edward Mawley.....	H.T.	1.00	9.50	.95	9.00	.....	*Orleans.....	Poly.	.90	8.50	.85	8.00	.....
Erna Teschendorf.....	Poly.	.90	8.50	.85	8.00	.....	Paul Neyron.....	H.P.	.90	8.50	.85	8.00	.....
Evergreen Gem.....	W.H.	.60	5.50	.55	5.00	.....	Perpetual White.....	M.	.85	8.00	.80	7.50	.....
*Excelsa.....	H.C.	.80	7.50	.75	7.00	65.00	Persian Yellow.....	Aust.	.90	8.50	.85	8.00	.....
Farbenkönigin.....	T.	1.00	9.50	.95	9.00	.....	Pharisaer.....	H.T.	1.00	9.50	.95	9.00	.....
Florence Pemberton... H.T.	1.00	9.50	.95	9.00	.....	Pink Roamer.....	W.H.	.60	5.50	.55	5.00	.....
Flower of Fairfield.....	H.C.	1.00	9.50	.95	9.00	.....	Princess Adelaide.....	M.	.85	8.00	.80	7.50	.....
Francis Scott Key.....	H.T.	1.00	9.50	.95	9.00	.....	*Radiance.....	H.T.	1.00	9.50	.95	9.00	.....
Franz Deegan.....	T.	1.00	9.50	.95	9.00	.....	Rayon d'Or.....	Per.	1.00	9.50	.95	9.00	.....
Frau Karl Druschki... H.P.	.90	8.50	.85	8.00	.....	*Roserie.....	H.C.	.75	7.00	.70	6.50	.....
*Gen. McArthur.....	H.T.	1.00	9.50	.95	9.00	.....	Rugosa Rubra.....	R.	.60	5.50	.55	5.00	.....
Gen. Sup. A. Janssen H.T.	1.00	9.50	.95	9.00	.....	Rugosa Alba.....	R.	.65	6.00	.60	5.50	.....
Glorie de C. Guinoisseau H.P.	1.00	9.50	.95	9.00	.....	Salet.....	M.	.85	8.00	.80	7.50	.....
*Gold Finch.....	H.C.	.75	7.00	.70	6.50	.....	Setigera.....	Wild.	.60	5.50	.55	5.00	.....
Gruss an Teplitz.....	H.T.	.90	8.50	.85	8.00	.....	Soleil d'Or.....	Per.	1.00	9.50	.95	9.00	.....
Harry Kirk.....	T.	1.00	9.50	.95	9.00	.....	So. Orange Perfection.. W.H.	.60	5.50	.55	5.00	.....
Henri Martin.....	M.	.85	8.00	.80	7.50	.....	Sunburst.....	H.T.	1.00	9.50	.95	9.00	.....
*Hiawatha.....	H.C.	.75	7.00	.70	6.50	.....	Sunset.....	T.	1.00	9.50	.95	9.00	.....
Hugo Roller.....	Tea	1.00	9.50	.95	9.00	.....	Sweetheart.....	W.H.	.60	5.50	.55	5.00	.....
Humilis.....	Wild.	.60	5.50	.55	5.00	.....	*Tausendschön.....	H.C.	.75	7.00	.70	6.50	.....
Irish Fireflame.....	H.T.	1.00	9.50	.95	9.00	.....	Trier.....	H.C.	.75	7.00	.70	6.50	.....
Jeannie Deans.....	S.B.	.75	7.00	.70	6.50	.....	Ulrich Brunner.....	H.P.	.90	8.50	.85	8.00	.....
Jersey Beauty.....	W.H.	.60	5.50	.55	5.00	.....	Universal Favorite.....	W.H.	.60	5.50	.55	5.00	.....
*Jonkheer J. L. Mock.. H.T.	1.00	9.50	.95	9.00	.....	*Veilchenblau.....	H.C.	.75	7.00	.70	6.50	.....
Juliet.....	Pern.	1.00	9.50	.95	9.00	.....	Visc. Folkestone.....	H.T.	1.00	9.50	.95	9.00	.....
La Detroit.....	H.T.	1.00	9.50	.95	9.00	.....	Wellesley.....	H.T.	1.00	9.50	.95	9.00	.....
*Lady Alice Stanley... H.T.	1.00	9.50	.95	9.00	.....	*White Baby Rambler.. Poly.	.90	8.50	.85	8.00	.....	
Lady Ashton.....	H.T.	1.00	9.50	.95	9.00	.....	*White Dorothy.....	H.C.	.75	7.00	.70	6.50	.....
*Lady Hillingdon.....	T.	1.00	9.50	.95	9.00	.....	White Killarney.....	H.T.	1.00	9.50	.95	9.00	.....
Lieutenant Chaire.....	H.T.	1.00	9.50	.95	9.00	.....	Wichuriana.....	W.	.60	5.50	.55	5.00	.....
Lord Penzance.....	S.B.	.75	7.00	.70	6.50	.....	Wm. R. Smith.....	T.	1.00	9.50	.95	9.00	.....
Los Angeles.....	H.T.	1.30	12.50	1.25	12.00	.....	Willowmere.....	Per.	1.00	9.50	.95	9.00	.....
Lucida.....	Wild.	.60	5.50	.55	5.00	.....						



Jonkheer J. L. Mock



Franz Deegan



Lady Hillingdon

FIELD GROWN TEA and HYBRID TEA ROSES

A careful selection of choice, well known and new Garden Roses which, although classed as hardy, should be given winter protection in the North. Unless specially noted, varieties following are Hybrid Teas. Varieties preceded by a (*) star are also offered under Pot Plants.

American Beauty. Deep pink, approaching crimson, of exquisite form and fragrance, and large size.

Antoine Rivoire. Large, double, finely formed flowers; rosy flesh over yellow, bordered carmine.

Betty. A new Irish Rose, radiant with an unusual color, the "ruddy gold" tone of golden yellow over-spreading coppery rose.

British Queen. Bud occasionally flushed, but open flower is purest white; of globular type between Cochet and Druschki, with massive, exquisitely reflexed petals.

Dean Hole. Strong growing variety with exceedingly long buds and large flowers; intense salmon-pink.

Dorothy Page Roberts. Coppery pink suffused apricot yellow, a very rich shading. Flowers well-formed with very large petals.

***Edward Mawley.** A free, perpetual Garden Rose, sweetly perfumed and richly deep in color; does not fade in the hottest weather. Velvety crimson.

Farbenkönigin. (Queen of Colors.) One of the most popular T.'s; large, showy, fragrant, imperial pink.

Florence Pemberton. Large, full flowers, beautifully formed; creamy white, suffused pink, particularly at center.

Francis Scott Key. Red, shading to cerise; very large with a profusion of petals opening to a high center. A splendid forcing variety.

Franz Deegan. A strong growing, long caned yellow Rose, equally desirable for forcing or bedding. Fine large, double flowers, ranging from pronounced yellow to a delicate orange shade.

***General MacArthur.** Dazzling crimson scarlet, exquisitely perfumed. One of the grandest red Roses ever offered, either for cutting or bedding.

General-Superior A. Janssen. Glowing, deep carmine-red; large, full, fragrant and continuous bloom coupled with vigorous and compact growth.

Gruss an Teplitz. Intense depth and richness of color; velvety crimson-red. One of the best dark garden Roses.

***Harry Kirke.** (Tea.) Very fragrant; elegant long buds and splendid flowers. Color deep sulphur yellow, lighter at the edges.

Hugo Roller. (Tea.) A most attractive new Rose of picturesque appearance; lemon yellow, splashed with irregular strips of crimson.

Irish Fire-flame. A vigorous grower with distinct and handsome foliage. Its charming spiral buds are deep, maddery orange, splashed with crimson; fiery orange crimson when the wide, single flowers are fully expanded.

***Jonkheer J. L. Mock.** A new pink Rose from Holland; vigorous in growth and hardy, with long smooth canes and great freedom of bloom. Flowers are round and full, bright pink faced carmine. A splendid bedder.

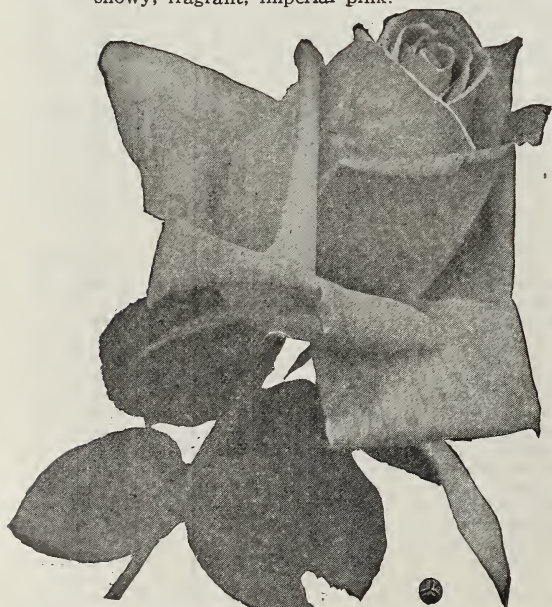
La Detroit. An exquisitely scented pink Rose of strong, hardy, everblooming habit; shell pink shading to soft rose; with creamy outer petal.

***Lady Alice Stanley.** Shell-shaped petals of deep coral rose outside, interior delicate flesh suffused pink. A persistent and free bloomer.

Lady Ashtown. Tender rose shading to yellow at base of petals with silvery pink reflex.

***Lady Hillingdon.** A splendid new yellow variety, giving quick response to forcing treatment and one of the most prolific cut flowers. Color deep apricot-yellow varying to orange.

Lieutenant Chaure. Velvety crimson red; flowers large, fairly full, possessing petals of great depth and nicely cupped form.



Farbenkönigin

Los Angeles



HYBRID TEA ROSES (Continued)

"Los Angeles." Gloriously living up to its recent novelty introduction, which claimed this California product to be one of the grandest all-round Roses of American origin ever put on the market. The stems are long as American Beauty; the flowers are large as Paul Neyron; its freedom and continuance of bloom are remarkable; its color "a flame pink, toned with coral and shaded with translucent gold at the base of the petals."

Mad. Abel Chatenay. A grand bedding Rose; flowers of good size, very double, with slightly recurved petals; color, rosy carmine, shaded salmon.

Mad. Caroline Testout. An old favorite always dependable, seldom out of bloom, ever beautiful. Light salmon-pink, edged silvery rose.

Mad. Jules Grolez. (Red Kaiserin.) Soft china rose, passing to clear pink.

Mad. Melanie Soupert. A fine bush Rose, amply studded with charming flowers; rich golden yellow, tinged with pink.

Mary, Countess of Ilchester. Warm crimson-carmine flowers very large and sweet scented.

Mildred Grant. A white Rose, delicately tinted with light pink; very large flowered.

Miss Cynthia Forde. Very full flowers; deep rose-pink, shading on back of petals to light pink.

***Mrs. Aaron Ward.** Buds are deeply cupped, the open flowers delightfully attractive. Color, deep, golden orange, shading outward to creamy yellow.

Mrs. A. R. Waddell. Very deep, rich apricot-yellow flowers, of large size and attractive form.

Mrs. Charles Russell. One of the choicest new pink Roses, similar in character to the red American Beauty; a lovely shade of bright rose-pink deeper toward center.

Mrs. George Shawyer. A favorite new forcing variety among the leading florists, besides being a first-class rose-pink bedder.

Mrs. Wakefield C. Miller. A most attractive color combination in large, free flowers with wavy edges, soft pearl shaded salmon, with rosy reverse.

***Ophelia.** One of the most beautiful and popular of recent cut-flower favorites; with perfect flowers of distinct form, lavishly produced, emitting the exquisite perfume of the Richmond type; salmon-flesh shaded with rose.

Pharisaer. Long, shapely buds opening out wide and full. Great beauty of form and charming combination of salmon, rose and white.

***Radiance.** Garden Roses. A beautiful blending of carmine-rose with shades of opal and copper.

Sunburst. Very select, with long spiral buds; a lovely bronzy yellow fading to apricot.

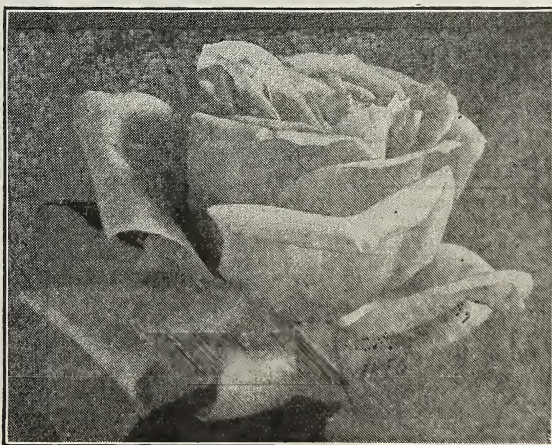
Sunset. (Tea.) Goldenamber with a faint ruddy tinge. Derived from Perle des Jardins, and in every way its equal. The new foliage is very beautiful, a deep coppery red.

Viscountess Folkestone. Peculiarly lustrous, satiny finish; an altogether lovely flower of pale flesh color.

Wellesley. Exceptionally free blooming, and for this reason valuable for bedding; silvered rose-pink.

White Killarney. A duplicate of the charming pink Killarney, with flowers white as snow.

Wm. R. Smith. (Tea.) Softly curled, waxen petals of firm substance; creamy white, flesh pink at tips and buff at base, the heart a deep pink.



Wm. R. Smith

NEW PERNETIANA ROSES

These are all recent products of the great French Rose grower, M. Pernet. They are hardy garden subjects, characterized by ornamental tinted foliage; and striking, beautiful combinations of colors in the flowers, in which the rare and much prized yellow is predominant.



Rayon d'Or

Juliet. Fine flowers; petals gold outside, inside rich, rosy red deepening as the flower expands.

Lyon Rose. Large, well-formed flowers, showing a charming combination of salmon, shrimp pink, coral and chrome yellow.

Mad. Edouard Herriot. This is the latest and probably the best of Pernet's famous introductions. Its flowers are medium sized, semi-double, well set amidst varnished bronze-green foliage. The color is a glorious commingling of terra cotta, bronze, geranium red and dull copper; fine long, pointed buds of coral-red and yellow.

Rayon d'Or. Of medium growth and branchy habit, little subjected to disease or insect attacks and fairly continuous in bloom throughout the season. Oval shaped buds tinged coppery orange and streaked with scarlet bars. Flowers large and full, of globular form; yellow cadmium as the bloom begins to open, toning to sunflower yellow when fully expanded.

Soleil d'Or. A cross between Persian Yellow and Antoine Ducher. It is a fine hardy outdoor Rose, showing much the same character as the Hybrid Perpetuals. Especially valuable because of its rare color; gold and orange yellow, varying to ruddy gold suffused with Nasturtium red.

Willowmere. A robust garden Rose of bushy habit, with beautiful buds, very large flowers and lustrous green foliage. Color, rich shrimp pink, shaded yellow at center and toning to cream pink towards the base of petals.

HYBRID PERPETUAL ROSES

These are the "June Roses" so admirably suited for garden culture, the formation of Rose beds, hedges, etc. In June and July these lovely Roses are brilliant with large, perfumed flowers of richest colors, far exceeding the Everblooming class in size and vivid effects.

Although usually we have to offer a long list of choice varieties; owing to necessarily decreased production and an unprecedented fall sale, our supply of June Roses available for this spring's delivery is represented by just the five varieties following,—and these in limited quantity.

Frau Karl Druschki. The regal "White American Beauty." The distinctive form and expression of its bud, half opened state and maturity are a three-fold revelation of exquisite charm and beauty. In our gardens they commence blooming with the June Roses, are conspicuous throughout the summer with their large flowers of waxy paper white, and yield their last armful with the first snows of an early fall.

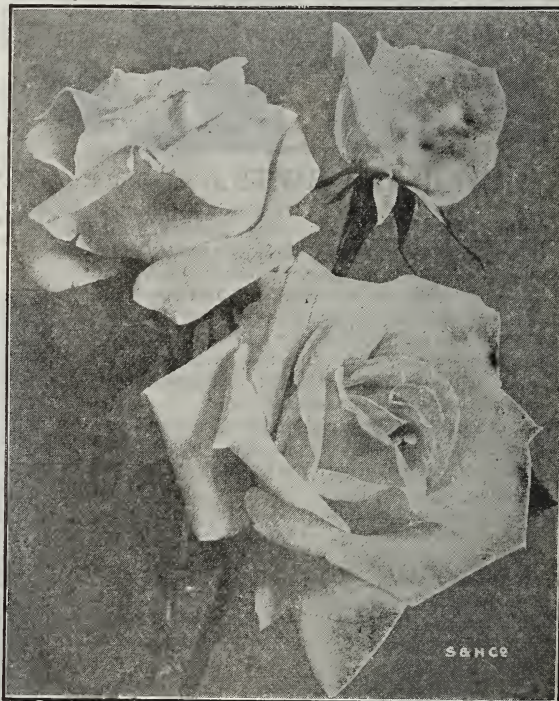
Glorie de Chedane Guinoisseau.

A magnificent new red sort, of full, perfect shape and desirable habit of growth; brilliant vermilion, shaded velvety red.

Magna Charta. Strong growing, early blooming, with large flowers of bright rose-pink. Although this variety has but the one blooming season, its production is liberal and attractive; and is one of the most popular sorts selected for forcing.

Paul Neyron. One of the finest hardy Roses ever grown. It blooms unceasingly from June to November, on long, smooth, thornless stems, furnishing a great quantity of uniformly shaped flowers 4 to 6 inches across. Color a bright ruddy pink. This sort is also a dependable fall bloomer, keeping pace with the lovely white Druschki during September and later.

Ulrich Brunner. Cherry red. A popular forcing sort, and one of the varieties usually included in average orders for H. P. Roses. Its flower construction and habit is very pleasing, and the color appealing.



Frau Karl Druschki

HYBRID POLYANTHA, FAIRY or BABY RAMBLER ROSES



Clotilde Soupert



Baby Tausendschön



Orleans

There is no class of Roses today more widely planted nor higher in general estimation. They are such splendid hardy, showy, compact bedders; they keep their color so well and continue in full bloom through such a remarkably long season, there is no end to the uses to which they may be put.

Baby Rambler. The original dwarf form of Crimson Rambler. The wonderful persistency of its bloom makes it one of the choicest plants in cultivation for summer bedding; and as an edging to borders of Shrubs, Roses or Perennials, it has no equal.

***Baby Tausendschön.** (Louise Welter.) Dwarf bushy growth; flowers large, semi-double, in pretty clusters; a prevailing flesh-pink color. Flower an exact counterpart of the beautiful climbing rose Tausendschön.

***Clotilde Soupert.** Flowers large, fully double, numerous and deliciously sweet; beautiful creamy white merging into a center of clear bright pink.

***Echo.** (New.) Beautiful, semi-double, bluish white flowers of the Tausendschön type produced in great abundance; plant growth strong and vigorous.

Erna Teschendorf. The most vivid crimson of any Polyantha Rose, easily the best all-red Baby Rambler yet produced. One valuable quality in which it excels is that it never loses color under the hot sun. Flowers large, fully double, and borne profusely the entire season.

Mad. Cutbush. Clear, flesh pink, with shadings of rose. One of the older types and largely used as "Pink Baby Rambler."

***Orleans.** Geranium red, with a distinct center of pure white. Remarkably free blooming and of unexcelled keeping qualities; a great favorite. Although the flowers of this charming variety are numerous, they are not crowded; each individual bloom standing out distinctly in a most pleasing arrangement.

***White Baby Rambler.** Its pure white flowers are perfectly double, and bloom with the unceasing freedom of the reds and pinks of this class.

MOSS ROSES

A species of beautiful Roses distinguished by the moss-like covering of their buds.



Vigorous, stocky growth, lustrous foliage and perfect hardiness make them valuable for out-door planting. The flowers are usually large and, although they bloom but once a year, retain their beauty exceptionally long.

Blanche Moreau. Pure white.

Countess of Murinais. White, beautifully mossed.

Crested. Deep pink buds, surrounded by a mossy fringe and crest; exquisitely fragrant.

Deuil de Paul Fontaine. Deep crimson; constant.

Henri Martin. Rich glossy pink tinged with crimson; large globular flowers.

Luxembourg. Bright crimson.

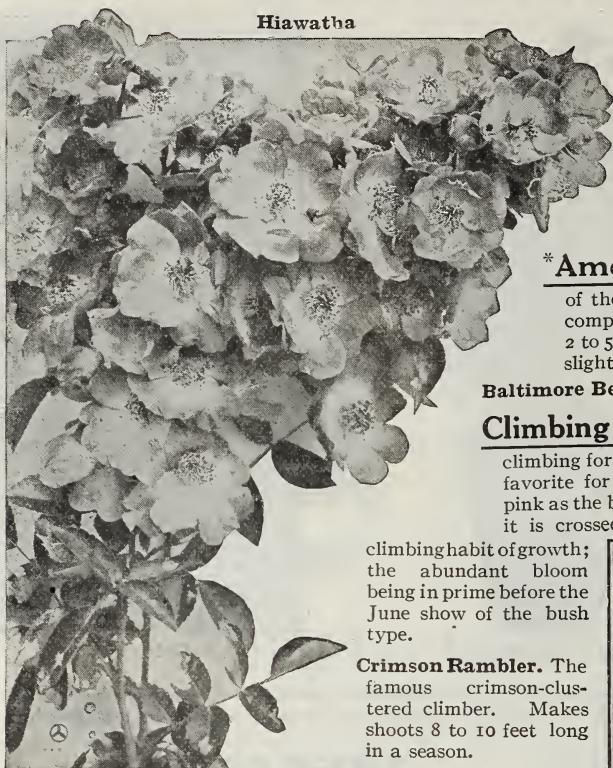
Perpetual White. Clustered pure white flowers.

Princess Adelaide. Fine large flowered; very double and fragrant; color bright rosy pink.

Salet. Light rose, large and full; good Autumn bloomer.

HARDY CLIMBING ROSES INCLUDING THE RAMBLER GROUP

Hiawatha



climbing habit of growth; the abundant bloom being in prime before the June show of the bush type.

Crimson Rambler. The famous crimson-clustered climber. Makes shoots 8 to 10 feet long in a season.

***Doctor Van Fleet.** One of the newer type of climbers which combines absolute hardiness with flowers large as the tender sorts of Tea and Noisette class. This variety shows a mass of beautiful clustered buds, which open out into large, shapely flowers; delicate flesh white. An admirable cutting variety with stems 12 to 18 inches long.

***Dorothy Perkins.** A beautiful shell-pink; foliage finer, smoother and darker than Crimson Rambler. This is unquestionably the thriftiest, showiest, and most practical of the older pink climbers; and trails its riotous clusters over more verandas, windows and trellises than any other one variety. It is this glorious Rose which makes the arch of beauty on the front cover of this book.

***Excelsa.** (Red Dorothy Perkins.) A radiant, blood-red cluster Rose, as free and double as Dorothy Perkins, of which it is the red prototype. The clusters are very large. Excelsa out-grows most of the Rambler Roses, has notably good clean foliage, and proves to be comparatively immune from disease.

Flower of Fairfield. (The Everblooming Crimson Rambler.) It carries the crimson splendor of the type from spring even into November; commencing to bloom on the first young, red shoots, and adding size and brilliancy with its growth of wood.

***Goldfinch.** (New.) The best yellow Rambler to date. Flowers large, semi-double, in full clusters; a rich, lemon yellow.

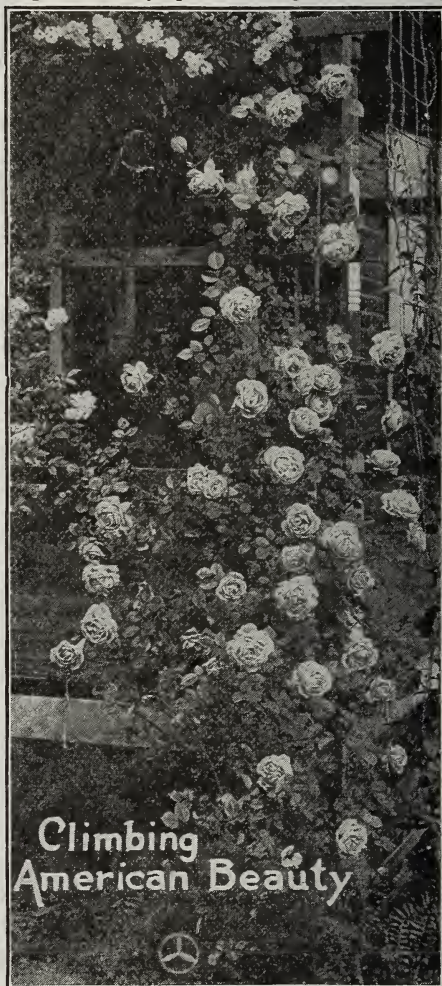
***Hiawatha.** Its small flowers, deep ruby crimson accentuated by a white eye, are uniquely borne in long trails of 40 to 50 blooms. Very popular for training on fences; not only as a covering for the fence, but because it is really one of the prettiest Roses of its kind.

Romance in poem, prose and picture has ever fed upon the clustered glories of the Climbing Rose. No door so humble, no marble pillar so ornate, no lovers' garden tryst so full, but that the Rose in climbing, twining, overhanging beauty is provided to adorn the scene. Since the advent of the sensational Crimson Rambler, development of Hardy Climbers has made wonderful strides; the lists of today offering a remarkable variety of types and colors, in perfected quality.

***American Pillar.** One of the most valuable and attractive of the Hardy Climbers, flowering profusely in large, compact clusters. The single flowers range from 2 to 5 inches in width. Brilliant carmine rose, with a slight cream variegation and yellow stamens at center.

Baltimore Belle. Very double blush white.

Climbing American Beauty. (New.) This new climbing form of the famous pink Rose, so long the American favorite for cutting, is as lovely and fragrant and deeply pink as the bush form. The hardy climber blood with which it is crossed gives healthy, perfect foliage and a strong



HARDY CLIMBING ROSES

(Continued)

Mrs. C. W. Thompson.

Something new in hardy climbers, unlike anything heretofore offered. Not a rampant grower like D. Perkins, but full-leaved and substantial like the older Pillar Roses, with the shiny green foliage of the Wichuriana class. The individual flowers are unique in form; being perfectly quilled, full, small buttons, resembling nothing else so much in shape and deep pink color as a Pompon form of that unsurpassed old Dahlia A. D. Livonia. These blooms are lavishly produced in dense clusters throughout an unusually long season, and aside from their beauty in the field, are splendid subjects for table and other inside decoration.



"The Rose of a Thousand Beauties"

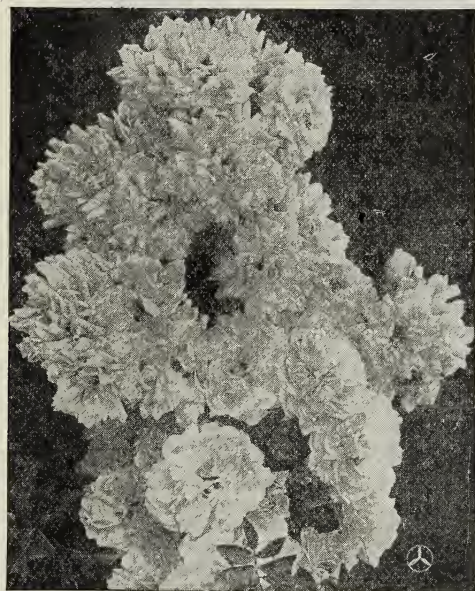
***Roserie.** This splendid new Rose is derived as a sport from Tausendschön; and while showing exactly the same vigorous growth, clean foliage and great freedom of bloom as the parent, its flowers are a deep, glowing pink.

***Tausendschön.** (Thousand Beauties.) A rapid growing, almost thornless climber, showing the blood of Rambler, Polyantha and Tea parentage. Its innumerable flower clusters make a pretty show in June and July; at first, the soft pink of Clotilde Soupert, and later deepening to a bright carmine rose.

Trier. Semi-double, produced freely and continuously in large clusters of creamy white; the center being filled with bright yellow anthers so long and numerous that at a distance the Rose appears yellow.

***Veilchenblau.** (The Blue Rambler.) This unique novelty is now commonly accepted as a truly blue Rose. Its flowers are somewhat larger than Crimson Rambler but otherwise it closely follows the type, and is very attractive with its shiny green foliage and the steely blue of its flowers.

***White Dorothy.** A beautiful white-flowered counterpart of the pink Dorothy Perkins. The vines are a sheet of white.



White Dorothy

NATIVE or "WILD" ROSES

Universally admired for their distinct, unforgettable fragrance, for the extravagant profusion of their pretty single flowers, and for the large, bright-colored berries which cling far into winter. Utilized for planting among shrubs, and to reclaim and cover waste ground.

Blanda. (Meadow Rose.) Slender, reddish purple branches almost thornless, with pale green, oval foliage. Bright rose, May-flowers.

Carolina. (Swamp Rose.) Hardy in either wet or dry soil. Shrubby growth, pretty pink flowers.

Humilis. (Pasture Rose.) Ground cover, pink.

Lucida. The familiar red fruited "Wild Rose."

Multiflora. Strong growing, with long arching canes almost covered with white clusters in June.

Setigera. Useful for massing in picturesque hillside brambles; as borders to wildwood drives; as filling for dead corners; and with equal harmony, as a congenial mixer with shrubs and in single specimens. Large single flowers in abundance all summer; color, a bright rose red.

LORD PENZANCE'S HYBRID SWEET BRIARS

An interesting group with single, exquisitely colored flowers borne in the greatest profusion; bush sweet-scented. If used for hedging, plant two feet apart.

Amy Robsart. Deep rose.

Anne of Geierstein. Dark, velvety crimson.

Jeannie Deans. Scarlet-crimson.

Lord Penzance. Fawn, with golden center.

Lucy Ashton. White, edged pink.

Meg. Merrilies. Bright crimson.

MISCELLANEOUS HARDY ROSES

Mad. Plantier. (Hybrid China.) One of the most satisfactory Roses for cemetery or yard planting. Blooms in the middle of June, when its large clusters of purest white flowers form a perfect mound of white.

Persian Yellow. An old favorite; very early, fragrant, shrubby type for the yard. Deep golden yellow.

ROSA RUGOSA AND ITS HYBRIDS

A valuable, perfectly hardy type much used in landscape work; the heavy wood and shrubby formation adapting it to hedges and hardy borders, or to mixed shrubby groups. The foliage is lustrous, dark green, usually corrugated, and is impervious to attacks of insect pests. Flowers are borne in clusters of varying size and construction, and are succeeded by persistent fruits which carry their usefulness into winter.

Rosa Rugosa Rubra. Single flowers, rosy crimson; orange-scarlet fruits.

Rosa Rugosa Alba. Single white.

Conrad Ferd. Meyer. An early flowering Hybrid combining the ornamental qualities of its Rugosa foliage with the blossom beauty and perfume of the Hybrid Perpetuals. Flowers large, cup-shaped and double; of a delicate silvery pink.

Mad. Georges Bruant. Semi-double pure white, produced freely in showy clusters.

New Century. Flowers very large semi-double, borne in full clusters; flesh pink, widely bordered creamy white.



Rugosa Roses Showing Flowers and Fruit

JAPANESE TRAILING ROSES

The evergreen, lustrous, dense and healthy foliage of this species make them indispensable for ground covering and shallow bedding. They bloom profusely during a long season and brighten the early winter months with conspicuous fruits and still green foliage. Although trailing in tendency, every variety yields readily to upright training.

Rosa Wichuriana. (Memorial Rose.) Handsome for covering rockeries, mounds or embankments; especially valuable for cemetery planting. The pure white single flowers appear in greatest profusion during the month of July, while its almost evergreen foliage makes it very desirable at all seasons of the year.



Rosa Wichuriana (Memorial Rose)

HYBRID WICHURIANA ROSES

Debutante. Blooms freely under all conditions, presenting a fine show of pure white clusters.

Evergreen Gem. This Rose possesses phenomenal vigor, growing even during the milder periods of winter. Its glossy green foliage is truly evergreen; the creamy white flowers numerous, and rich with the fragrance of the Sweet Briar Roses.

Jersey Beauty. Grows rapidly, bearing an abundance of fragrant single flowers, usually in clusters. Pale yellow, with conspicuous tufts of bright yellow stamens.

Manda's Triumph. The flowers are pure white and very double, produced in clusters of from 10 to 12 each, literally covering the plant.

Pink Roamer. Large, single, in striking clusters; pink, with white center. One of the prettiest.

South Orange Perfection. Perfectly formed double flowers, about 1½ inches in diameter. Soft blush pink at the tips, changing to white.

Sweetheart. Its flowers are a beautiful shade of rosy pink, produced freely and continuing in bloom a long period of time.

Universal Favorite. A vigorous grower; flowers double, of a beautiful rose color; very fragrant.

We regret to advise that we have no Tree or Standard Roses to offer this year.



POT-GROWN ROSES



All of the hardier sorts, of which the larger part of stock has been raised in the open ground, will be found separately listed under a preceding section devoted to "Field Grown Roses." Wherever duplicated under this heading, the variety in each list is preceded by a (*) star.

CULTURE OF ROSES IN POTS. For house culture the various types of Everblooming Roses will give a succession of bloom if treated in the following manner: Drain the pots well with broken bits of crock; mix one part of well-rotted cow manure with two parts of light, friable soil, and press firmly about the roots in potting. Keep well watered during the summer, more scantily in fall and winter. Pinch off all flower-buds until winter, and then give all the sunlight possible. Keep your plants clean and growing. About 60 degrees is the best temperature for window or general indoor culture.

GENERAL EVERBLOOMING ROSES

Offered in 2 year stock from 4 inch pots, and in 1 year stock from 2½ inch pots.

Price per dozen is 10 × single rate in each case. No distinction between mail and express price.

TEA and HYBRID TEA ROSES

	2½ in.	4 in.
Blumenschmidt. Pure citron yellow edged tender rose on outer petals.....	\$0.20	\$0.60
Columbia. A beautiful, true pink; deepening as it matures to a warm, glowing tone, which is enduring. Its unusual double petalage and substance make it a good summer Rose, while the great size, color and long (almost thornless) stems mark it as a superior cutting variety.....	.35	1.00
Crimson Queen. A fine, free blooming crimson scarlet; fragrant.....	.25	.75
Dora Hanson. A fine, bright pink....	.35	1.00
Etoile de France. Garnet red and cerise.....	.20	.60
*Edward Mawley. Velvety crimson....	.25	.60
*Gen. MacArthur. Dazzling crimson....	.25	.75
*Glorie de Chedane Guinoisseau. H.P. Bright vermilion red, shaded velvety crimson. A magnificent shade of red and fine rose, considered by many superior to Ulrich Brunner.....	.25	.75
Gorgeous. Flowers very large, full and exquisitely formed, produced in endless profusion. Deep orange flushed copper-yellow, and heavily veined with reddish copper..	.35	1.00
Hoosier Beauty. Velvety crimson scarlet.....	.25	.60
*Jonkheer J. L. Mock. Bright pink, faced carmine. Grand new bedder....	.25	.75
Killarney. Mottled pink.....	.20	.60
*Lady Hillingdon. A deep shade of yellow which does not easily fade.....	.20	.60
*Lady Alice Stanley. Delicate shell pink.....	.25	.75
Mad. Francesca Krueger. Large flowers of coppery yellow.....	.20	.60
Mad. Leon Pain. Silvery salmon overlaid orange at center.....	.35	.75
Mad. Segond-Weber. Warm, deep pink.....	.25	.60
Mamam Cochet. Rose pink.....	.20	.60
*Mrs. Aaron Ward. Small dainty flowers; golden orange, shading to cream...	.25	.75
Mrs. B. R. Cant. Salmon rose.....	.20	.60
Mrs. Franklin Dennison. Porcelain white veiled in primrose yellow, deepening to ochre at base of petals. Large, full flowers; very fragrant.....	.35	.75
My Maryland. A popular lively pink.....	.25	.60
National Emblem. Dark, velvety crimson brightening to vermilion at tips. Perfect form; large and fragrant.....	.35	.75
*Ophelia. One of the finest recent introductions for cut flower use; salmon-flesh shaded with rose....	.25	.60
*Radiance. A beautiful blending of carmine rose with opal and copper shades	.25	.60

	2½ in.	4 in.
Red Radiance. Same form and habit; deep carmine.....	\$0.25	\$0.60
Tipperary. Clear yellow of charming tone and gloss. Buds pointed; small rosette flowers in great abundance, on longer stems than most corsage Roses. Makes a particularly dainty pot plant.....	.25	.60
White Mamam Cochet.....	.20	.60
Winnie Davis. Soft pink tinged yellow.....	.25	.60

HYBRID POLYANTHAS or "BABY RAMBLER" GROUP

	2½ in.	4 in.
Baby Doll or " Tip Top. " Golden yellow, tipped cerise. A wonderful little bouquet Rose.....	\$0.25	\$0.60
*Baby Tausendschön. White and pale pink.....	.25	.60
*Clotilde Soupert. Creamy white and pink.....	.25	.60
*Echo. (New.) A lovely blush white....	.25	.60
Gruss an Aachen. Reddish orange effect; an attractive novelty.....	.25	.60
Mlle. Cecile Brunner. Color salmon rose on a yellow ground; very fragrant	.25	.60
*Orleans. Flowers are strikingly handsome; a warm Geranium red with center of pure white.....	.25	.60
*White Baby Rambler. Its pure white flowers are perfectly double, and bloom unceasingly.....	.25	.60

HARDY CLIMBING ROSES

For Pillars and Trellises

	2½ in.	4 in.
*American Pillar. Large single flowers carmine-rose, with cream and yellow center.....	\$0.25	\$0.60
*Climbing American Beauty. Hardy Hybrid Tea; magnificent pink climber.....	.25	.60
*Dr. Van Fleet. Delicate flesh white; flowers large in fine cutting clusters.....	.30	.60
*Dorothy Perkins. Dense clusters of double pink flowers, fluted petals....	.20	.....
*Excelsa. Strong climber; blood-red....	.20	.....
*Gold Finch. Buds rich lemon yellow, open flowers a trifle lighter.....	.20	.50
*Hiawatha. Deep ruby crimson, with white eye; small flowers, big clusters...	.25	.50
Lady Gay. Cherry-pink and white.....	.20	.....
*Roserie. Deep glowing pink.....	.25	.60
Silver Moon. Four to five inch semi-double flowers; pure white with thick clusters of yellow stamens.....	.30	.60
*Tausendschön. Soft pink and carmine intermingled with white.....	.25	.50
*Veilchenblau. The "Blue Rambler"....	.25	.60
*White Dorothy. Best white climber..	.20	.50

HARDY PERENNIAL PLANTS



FOR PERMANENT PLANTING IN BORDERS OR BEDS

The planting of hardy perennials has received a wonderful impetus during the past few years, mainly through the advertising and efforts of prominent Landscape Gardeners who have striven towards a revival of those delightful, colorful effects so common to the gardens of long ago. It needs but one thoughtfully arranged, generously proportioned plantation in a community to incite others to keen appreciation and desire.

Today there is no department of any ornamental nursery so alive and progressive, as this extensive line of hardy herbaceous plants which go into the making of

THE OLD FASHIONED HARDY GARDEN

Why. Perennials are planted, essentially, for their yield of flowers. With the right selection of classes and varieties, our garden plots may be kept bright and cheery with bloom from before the first robin's song in spring, until Nature herself gives up the gracious task in early winter.

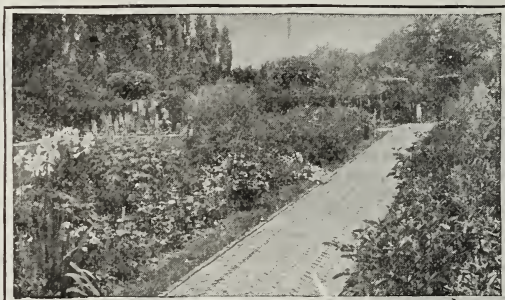
When. These roots may be planted as early in spring as the ground is pliable (or in the autumn); selecting an opportunity when the soil is not cold, wet or soggy. Large clumps are not necessary nor often desirable; the smaller divisions or pot grown stock showing more thrift and virility, and developing into shapelier plants than the bulkier old roots.

Where. Proper location and intelligent distribution are important items and should receive serious consideration. Any good soil sensibly enriched with rotted manure, bone meal or sheep manure as available, dug deep and thoroughly mixed, will be satisfactory.

Various coarse-leaved, tall growing sorts, such as Anchusas, Boltonias, Cassia, Hollyhocks, Golden Glow, Mallows, Sunflowers, etc., should of course be located in the **background**. The **front** of the border should be laid out in the dwarfest growing kinds, such as Achillea, Columbines, Shasta Daisies, Euphorbias, Gaillardia, Heuchera, Hypericum, Dwarf Lychnis, Forget-me-nots, Plumbago, Iceland Poppies, Sedums, etc. **Intermediate** rows will take care of the great majority of perennials; the principal requirement in their location being to so dispose that colors will not clash, nor be unequally distributed. The matter of variation in **blooming season** should also affect location, in order to have no material section of the garden without some show of color at any time of the year. Thoughtful study of succeeding pages with these matters in view, will pay its own reward.

How. **SPACING.** In planting perennials, it is generally safe to space those varieties which do not grow above two feet, about 12 inches apart; the taller ones at an interval one-half the ultimate height. Crowded or stingy planting are equally disastrous to healthy growth and perfect effect.

CULTIVATION. Don't let up with the hoe! Keep the ground well cultivated, leveled and free from litter;



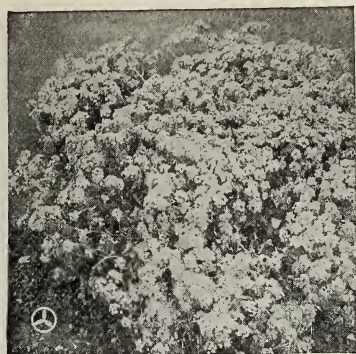
except during protracted drought, a light mulch of short grass (sweepings from the lawn) will help retain moisture and keep the soil from baking.

TRAINING. Judicious "staking" at an early date will adjust many later defects of top-heaviness or unequal development. If done early, the correction and support will be absorbed; after maturity, any alteration would appear abnormal and unsightly.

TIDINESS goes a long way towards an attractive garden. Snipping a broken twig; an untanglement here and there; removing withered leaves, dead flower stems, etc., will repay the odd moments of time and attention.

DIVIDING. The earliest flowering types are generally dwarf, compact and close rooted; these may be left undisturbed for several years. The tall sorts of late summer and fall are fast growing and prolific; it will be found a positive advantage to quality of bloom and general appearance, if these are taken up, divided, and a part only replanted, at least every second year.

WINTER PROTECTION. Everything listed in this section is "hardy," but in varying degree. For instance, Tritomas, Poppies and Shastas really need some protection. A light covering of coarse straw, manure or leaves (not over 2 or 3 inches deep) will give comfort to all kinds, and ensure safety for the weak. After removing all stems and dead foliage, during the last days of November, or before severely cold weather sets in, apply this dressing, remembering to remove it gradually next spring, as soon as frost begins to leave the ground.



Alyssum Saxatile Compactum



Anchusa Dropmore



Arabis Alpinus

GENERAL ASSORTMENT OF HARDY BORDER PLANTS

Achillea, Boule de Nieve. (Ball of Snow.) A

new form of this valuable perennial, more erect and compact than The Pearl, with fuller ball shaped flowers; pure white. 15 cts.; \$1.50 per dozen.

Alyssum Saxatile Compactum. (Golden Tuft.) A useful little border and rockery plant, growing not over 12 inches high; covered with enveloping flat clusters of bright golden-yellow flowers early in summer. 20 cts.; \$2.00 per dozen.

Anchusa Italica, Dropmore Variety. A bold, broad leaved growth, and flower stems 3 to 5 feet high, bearing a continuous show of deep blue flowers from spring until late summer. The stools are quite dense and bushy, each stem nearly covered full length with double, inch wide flowers, of the deepest cobalt blue.

—**Opal.** A new variety of much the same azure blue shade as found in Belladonna Larkspur; the unopened buds suggesting the pink of apple blossoms.

Anchusas. 20 cts.; \$2.00 per dozen.

ANEMONE JAPONICA. (Wind Flowers.) A valuable class, suitable for edging, massing or single specimens. They grow rapidly 2 to 3 feet, and are profuse in bloom, gaining strength and beauty each year. The blooming period extends from August till mid-November, the large open flowers furnishing abundant cut-flowers and a brilliant field display.

—**Alba.** Purest white, with yellow center.

—**Geante Blanche.** Immense white. 25 cts. each; \$2.50 per dozen.

—**Lady Ardilaun.** Pure white.

—**Queen Charlotte.** Abundant semi-double flowers broad and perfectly formed; "La France" pink.

—**Rosea Superba.** Very free; delicate silvery rose.

Anemone Rose d'Autumn. A beautiful shade of shell-pink; large single flowers in abundance.

—**Rubra.** Showy rose-color, yellow center.

—**Whirlwind.** Excellent double white flowers.

Anemones, except noted, 20 cts.; \$2.00 per doz.

Anthemis Montana. A hardy white Marguerite; plants about 6 inches high, in plentiful bloom during mid-summer with pretty flowers resembling small Chrysanthemums. 20 cts. each; \$2.00 per dozen.

AQUILEGIA (Columbine). The distinct, clear-cut foliage and delicate arrangement of colors in the flowers of Columbine make it one of the showiest and most desirable of the hardy garden plants; especially suitable for rock-work, at the base of foundation walls and under trees. Bloom in early spring.

—**Caerulea.** The dainty "Rocky Mountain Columbine," blue and white.

—**Canadensis.** Bright red and yellow.

—**Helena.** A beautiful shade of deep blue, with large white corolla. 20 cts. each; \$2.00 per dozen.

—**Jaetschauii.** A fine new variety; bright yellow with carmine spurs. 20 cts. each; \$2.00 per dozen.

—**Skinneri.** Yellow, with long red spurs.

—**Long Spurred Hybrids.** A fine English strain, producing many distinct shades and combinations, running through purples, blue, red and yellow. These are particularly pleasing shades of color and attractive in form, a good sized planting making a most vivid display in spring.

Unless noted, 15 cts.; \$1.50 per dozen.

Arabis Alpinus. (Rock Cross.) Low growing plants especially suited to rock-work, flowering in small white terminal racemes. They commence to bloom in May and continue a long time. 15 cts.; \$1.50 per dozen.



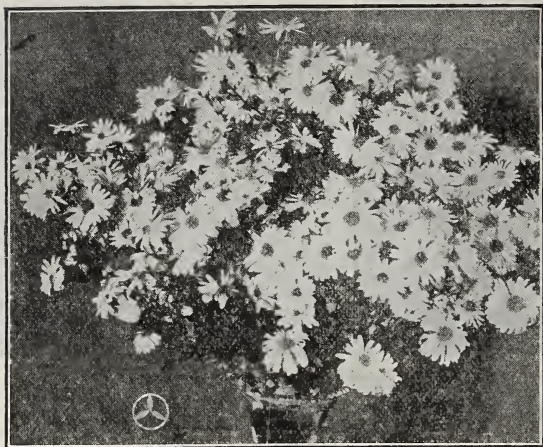
Aquilegia Helenae



Anemone Japonica



"Long Spurred Hybrids"

**Aster Climax**

Armeria Formosa. (Cushion Pink.) Dwarf compact growing plants, grassy foliage evergreen, throwing up numberless spikes of little ball shaped pink flowers from spring till fall. 9 inches. 15 cts.; \$1.50 per dozen.

Artemisia Lactiflora. Deep green, cleft foliage and compact bush shape, make this choice perennial attractive throughout the summer, but doubly so in August and September, when in bloom. The creamy white flowers which resemble Herbaceous Spireas and are sweetly scented, are borne in large terminal panicles on erect stems 3 to 4½ feet tall. 25 cts. each; \$2.50 per dozen.

Asclepias Tuberosa. (Butterfly Weed.) A familiar field flower; the cultivated form making a delightful show of orange flowers during early summer. 2½ feet. 20 cts. each; \$2.00 per dozen.

Aubretia. Free flowering, ground-covering rock plants, making very bright carpets during spring and early summer.

—**Graeca.** Dwarf and compact, large purple flowers.

—**Leichtleini.** Flowers pink, profuse.

Both varieties, 20 cts. each; \$2.00 per dozen.

HARDY ASTERS

(Michaelmas Daisies)

A very useful and attractive family of perfectly hardy perennials, largely used by landscapers to provide masses of foliage and bloom, throughout the fall. Various additions to older lists, now give a wide range of selection as to height, blooming character, season and color.

**Hardy Aster—St. Egin.**

Aster Acris. (Summer Flowering.) Dwarf growth; with light green foliage as fine as Spirea Thunbergi. Flowers pale violet-blue, with distended petals and small, tuzzy, amber center. July and August.

Alpinus Albus. (Spring Flowering.) 8 to 10 inches high; particularly valuable in rockeries and low borders. White flowers in great abundance during May and June.

Beauty of Colwell. The only double fall Aster; flowers the size of a half-dollar, compact, a bright Ageratum-blue, with small but conspicuous center of maroon and yellow. Dark green, narrow foliage on branchy plants 3 to 4 feet high. At its best in September. 20 cts. each; \$2.00 per dozen.

Feltham Blue. Attractive 4-foot bush with black stems and dark green, lanceolate leaves. Inch-wide flowers in abundance during August and September, aniline-blue, with small, yellow button center. 20 cts. each; \$2.00 per dozen.

Laevis. A splendid light blue variety. 4 feet.

Novae Angliae. Old New England Aster. 4 to 5 feet tall, with a wonderful fall show of deep violet-blue flowers.

—**Rosea.** Bright rosy mauve.

Novi Belgii Climax. A new variety of remarkable attractiveness and beauty, standing 4 feet high with much branched, pyramidal clusters of light lavender blue flowers from August to mid-October. These flowers average 1¼ inches in width, with a prominent golden cone at center, and cover the upper half of plant. 20 cts. each; \$2.00 per dozen.

Novi Belgii St. Egin. Plant is dense, bushy, about 30 inches high, with very ornamental fine cut sage green foliage. Unlike most top blooming sorts, this variety blooms profusely clear up from the ground; delicate pastel pink. 20 cts.; \$2.00 per dozen.

Mme. Soyneuse. Dwarf; deep purple, with yellow center. 2½ feet.

Snowflake. 18 inches; pure white, small flowers.

Tartarica. Very broad, long bottom leaves, diminishing in size towards the top of stalk. Blooms in October; bright purple. 5 feet.

Thos. S. Ware. Delicate blue. 3 to 4 feet.

Top Sawyer. Clear Parma violet. 4 feet.

Trinervus. Deep violet-purple, in bloom during October and November. 2½ feet.

White Queen. Dwarf, good cutting sort; creamy white, with twisted petals. 2½ feet.

All Asters, except noted, 15 cts.; \$1.50 per dozen.

Baptisia Australis. (False Indigo.) Deep blue flowers in pretty racemes during June and July. 2 feet. 20 cts.; \$2.00 per dozen.

Bocconia Cordata. (Plume Poppy.) Six feet. Immense flat, deeply indented leaves of silvery green on pearl-pink stalks. Flowers creamy white, produced in large upright panicles, which persist for months, darkening to rusty bronze. 15 cts.; \$1.50 per dozen.

Boltonia. (False Chamomile.) Bushy plants, 5feethigh, with Aster-like flowers, profusely covering the entire plant during late summer.

—**Asteroides.** White.

—**Latisquama.** Lavender pink. Large sprays make good cut-flowers. 15c.; \$1.50 doz.

**Boltonia Latisquama**



"Canterbury Bells"

CAMPANULA

(Bellflower)

Its various types are among the most beautiful border plants in cultivation, very free of bloom, and adapted to any garden soil.

Calycanthema. ("Cup and Saucer.")

Hardest and most popular form. Single cup-shaped flowers, 3 inches long, set in saucer-like calyx, 3 to 4 inches across; entire flower of one color. Very productive. We offer three separate colors, **Blue, Rose or White.**

Carpatia. (Carpathian Hare-bell.)

A pretty, compact species not exceeding 8 inches high; flowers 1 inch in diameter. **Blue or White.**

**Centaurea Montana****Ceryopteris Mastacanthus.**

(Blue Spirea)

A fine bushy border plant growing

about 3 feet high; from September until frost covered full length of the stems with attractive umbels of lavender blue. Not entirely hardy in the north and should be heavily protected.

15 cts. each; \$1.50 per dozen.

Campanula Grandiflora. A fine, free-flowering hardy perennial type, with remarkably large flowers. Especially good for cutting. **Blue or White.**

Media. The well known "Canterbury Bells;" in July. Height 2 to 3 feet. **Blue, Rose or White.**

Persicifolia. (Peach Bells.) 1½ to 2 feet high; salver-shaped flowers. **Blue or White.**

Gigantea Moerheimi. A new hybrid with pure white Camellia-like flowers fully 2 to 2½ inches in diameter. May to August.

Pyramidalis. (Chimney Bell-flower.) Very conspicuous; 4 to 5 feet high. Salver-shaped flowers borne profusely during September. **Blue.**

All Campanulas, 15 cts.; \$1.50 per dozen.

Cassia Marilandica. (American Senna.) Blooms in large panicles of bright yellow. July to August. Beautiful pinnate foliage of brilliant Nile green, 4 feet. 15 cts.; \$1.50 per dozen.

Cerastium Tomentosum. ("Snow-in-Summer.") A low growing rockery or carpet plant, with silvery foliage and white flowers. 15 cts.; \$1.50 per dozen.

Centaurea Montana.

(Perennial Corn Flower.)

Grows 2 feet high, bearing large, loose-petaled flowers of violet-blue from July to September. 15 cts. \$1.50 per dozen.

Clematis Recta Hybrida.

Handsome border plants growing 2 to 3 feet high, bearing numerous large clusters of white tubular sweet scented flowers during June and July. 25 cts.; \$2.50 per dozen.

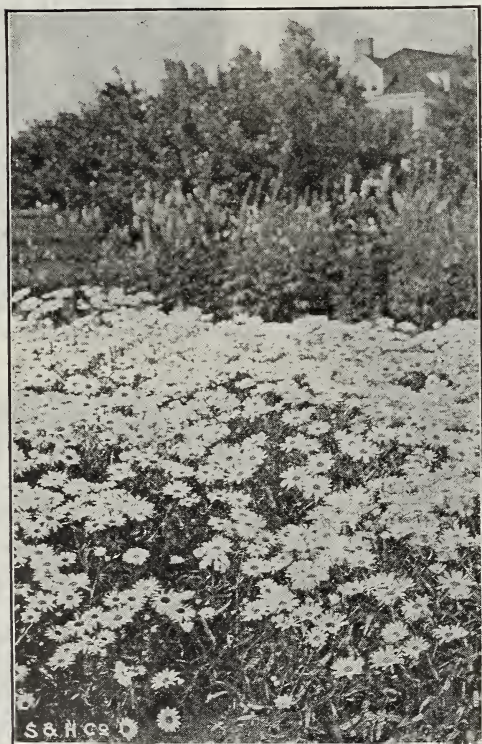


"Chimney Bellflower"

**Cerastium Tomentosum**



Delphinium Belladonna



Shasta Daisies

Coreopsis Lanceolata

Grandiflora. Flowers are rich golden yellow, borne in great profusion nearly the entire summer.

15 cts.; \$1.50 per dozen.

Shasta Daisy. A rigorously selected mixture of Burbank's new sorts Alaska and Westralia; giving us different form and much larger flowers ranging in shape from fully double to single; and in color, from pure white to pale lemon yellow—some solid, some prettily variegated with yellow discs. Plants are extremely productive of bloom, making as spectacular a field show and as profitable a cut-flower supply as any Hardy Perennial grown. 15 cts.; \$1.50 per dozen.

DELPHINIUM. (Perennial Larkspur.) Indispensable to the herbaceous garden. Their long, showy spikes of flowers persist from June till frost and furnish the most satisfactory blues to any color scheme.

—**Belladonna.** A magnificent new sort, unrivalled for continuance of bloom, with large spikes of the most delicate turquoise-blue. July till frosts. 20 cts.; \$2.00 per dozen.

—**Gold Medal Hybrids.** Vigorous, free blooming, with flower spikes 2 feet long. Grand assortment of colors ranging from lightest blue to purple. 20 cts.; \$2.00 per doz.

—**Lilacina.** Showy spikes of large size; brilliant lilac-purple. 25 cts.; \$2.50 per dozen.

—**Chinensis.** Dwarf growth; foliage small and deeply cleft; flowers loosely panicked; bright dark blue. 15 cts. each; \$1.50 per dozen.

Dianthus Barbatas. Great richness and variety of coloring; beautifully marked. Numerous broad, compact trusses of single flowers in crimson, white and pink. 15 cts.; \$1.50 per doz.

Dianthus Deltoides. (Maiden Pink.) A charming type, foliage prostrate; a mass of small pink flowers during June and July. A good rock-plant. 20 cts.; \$2.00 per doz.

Dictamnus Rubra. Fragrant foliage; spikes of curious red flowers. 25 cts.; \$2.50 per dozen.

—**Alba.** White flowered. 25 cts.; \$2.50 per dozen.

Digitalis. A grand display of thimble-shaped flowers in immense spikes during July and August. Tall growing, with large, rough foliage. Separate colors.

Purple, White or Rose. 20 cts.; \$2.00 per dozen.

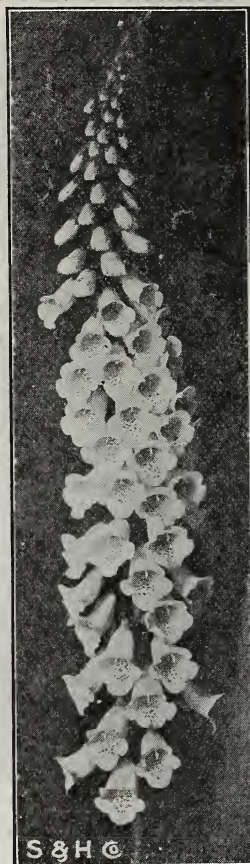
Erigeron. (Flea Bane.) Pretty Aster-like flowers covering a period of several weeks in late autumn, before the native Asters come into bloom. 1½ to 2 feet.

—**Coulteri.** Large white, with yellow disc, petals very finely cut; makes a charming cut-flower.

—**Glaucus.** (Beach Aster.) Leaves slightly glaucous; flowers light lavender-blue.

—**Speciosus.** Soft colors ranging from rose to violet and purple, but mainly mauve with yellow center.

All Erigerons, 20 cts. each; \$2.00 per dozen.



"Foxglove"

"Sweet William"

"Gas Plant"

"Fox Glove"

**Gaillardia Grandiflora**

Eupatorium Ageratoides. (White Snakeroot.) Dense terminal heads of minute white flowers. 3 feet. 15 cts. \$1.50 per dozen.

—**Coelestinum.** All covering cymes of pretty blue Ageratum-like flowers. 2 feet. 15 cts.; \$1.50 per dozen.

Euphorbia Corollata. (Flowering Spurge.) A branchy, 2 foot plant, with very fine stems and foliage, literally covered from June to August with loose umbels of tiny white flowers. Good for cutting. 20 cts.; \$2.00 per dozen.

Fragaria Indica. (Indian Strawberry.) A handsome trailing plant of the wild strawberry character, very useful as a basket trailer or rock plant. Small yellow flowers are succeeded by scarlet fruit. 15 cts.; \$1.50 per dozen.

FUNKIA Glauca. Large oval leaves, with long racemes of pale lilac, funnel-shaped flowers. 25 cts.; \$2.50 per dozen.

—**Fortunei.** Large thick, spoon-shaped leaves, rigidly formal; color a conspicuous blue-green, densely pitted. Flowers pale lilac on medium sized spikes. 25 cts.; \$2.50 per dozen.

—**Marginata Alba.** Very dwarf and compact; the short leaves slightly twisted and ruffled, brilliant green sharply outlined in white. Tall. 3 ft. stems, bearing numerous medium sized white flowers. 25 cts.; \$2.50 per dozen.

—**Ovata.** (Blue Day Lily.) Slenderly cordate foliage; thick, upright, 2 foot stems, with heavy racemes of blue flowers. The latest to bloom. 20 cts.; \$2.00 dozen.

—**Sieboldi.** Medium sized leaves, slightly tinted blue, with low set racemes of bluish white flowers. 25 cts.; \$2.50 per dozen.

—**Undulata Variegata.** Graceful leaves having a fluted white edge. Makes a splendid edging for other plants with plainer foliage. 20 cts.; \$2.00 per dozen.

Geum Mrs. Bradshaw. Brilliant, beautifully ruffled scarlet flowers, resembling Carnations, on long slender upright stems. 1½ feet. June to September. 20 cts.; \$2.00 per dozen.

Gaillardia Grandiflora. (Blanket Flower.) Makes one of the most gorgeous and prodigal displays of all perennials, providing an unfailing supply of bloom, in those rich, tawny shades so highly prized. Flowers often measure 3 inches in diameter, on clean 2 foot stems. A hard center of deep maroon is thickly bordered by petals of orange and yellow, strikingly ringed by circles of crimson, red and maroon. 20 cts.; \$2.00 per dozen.

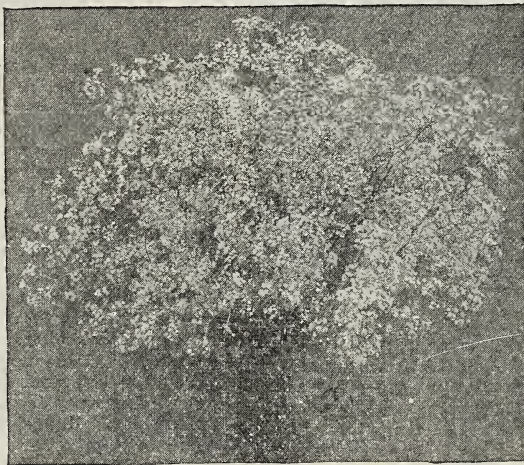
Gypsophila Paniculata. (Baby's Breath.) Good for cutting as well as for borders. Flowers are minute but myriad, pure white, produced in immense fluffy panicles. 20 cts.; \$2.00 dozen.

HARDY GRASSES. In the laying out of lawns and gardens a few of the many beautiful hardy grasses should not be overlooked. Their stateliness, tropic luxuriance, and soft colors harmoniously punctuate the prevailing green while their graceful, sinuous yielding to every wind gives animation to gardened landscapes too apt to look "fixed."

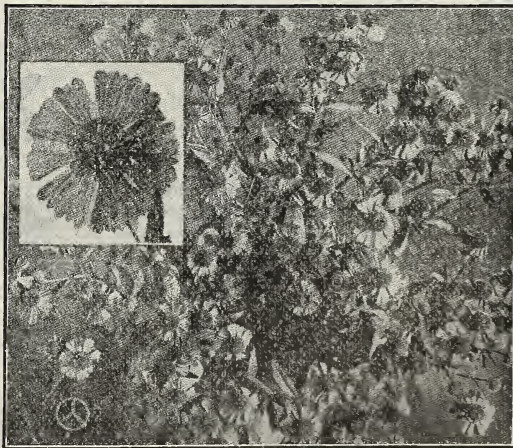
—**Eulalia Gracillima Univittata.** (Japan Rush.) Narrow green leaves with a silvery white midrib, perfectly hardy. 20 cts.; \$2.00 per dozen.

—**Japanica Variegata.** Long narrow leaves, striped with green and white. 20 cts.; \$2.00 per dozen.

—**Phalaris Arundinacea Variegata.** (Ribbon Grass.) Green leaves, striped lengthwise with creamy white 1½ to 2 feet. 20 cts.; \$2.00 per dozen.

**Gypsophila or "Baby's Breath"**

Helianti. Belong to the Helianthus and Artichoke family; very similar in growth, habit and prolific yellow bloom to H. Rigidus, furnishing a prodigious number of 3 inch single flowers through August and September. Its roots are thick, short, numerous, very crisp and tender, available as a table food used in the same way as Asparagus, Cauliflower or Potatoes, with a delightful flavor. 15 cts.; \$1.50 per dozen

**Helium Bigelowii**

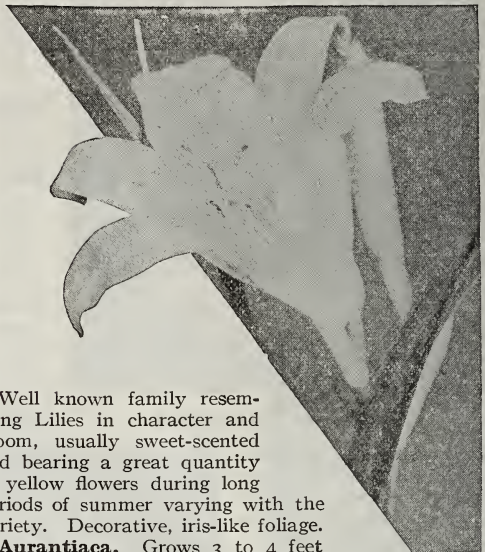
Helium Bigelowii. Quick growing, branching plants, 2 to 3 feet; quite showy during August with terminal clusters of 1½ inch, deep yellow flowers. The prominent brown center gives added charm to a very good cut-flower, and distinction to the general aspect of the bush. 20 cts.; \$2.00 per dozen.

**Helianthus Multiflorus Plenus****HELIANTHUS (Sunflower)**

Hardy and quick growing, available for medium to tall location. The flowers average from 3 to 5 inches in diameter, of various pretty shapes and shades of yellow. The foliage and growth of each is entirely distinct; and can be adjusted to other perennials for some striking foliage effects.

- Maximilliana.** Immense single flowers, rich golden yellow, center reddish brown. Very dark green, lanceolate, drooping foliage; late bloom. 5 to 7 feet.
- Miss Mellish.** A splendid new single variety, one of the best early varieties for cutting. Large wavy single flowers, very free; clear yellow. 20 cts.; \$2.00 per dozen.
- Mollis Grandiflorus.** Light lemon yellow, large single. Foliage large, rounded, silvered and quite hairy. 4 feet.
- Multiflorus Plenus.** Very double, yellow. This is the most serviceable of the compact types for cutting. 4 feet.
- Orgyalis.** Distinct character. The branching tops resplendent from September on, with an abundance of medium sized lemon yellow single flowers. 6 to 10 feet.
- Rigidus.** Of fine upright habit of growth. Foliage short and narrow, all stems dark colored. Flowers light yellow, with maroon center. 3 feet.
- Soliel d'Or.** Clear yellow; closely resembling a Cactus Dahlia in shape and finish. 4 feet.
- Wolly Dod.** One of the best single sunflowers; good rich yellow. September.

Helianthus, except as noted, 15 cts.; \$1.50 per dozen.

HEMEROCALLIS (Day Lilies)

Well known family resembling Lilies in character and bloom, usually sweet-scented and bearing a great quantity of yellow flowers during long periods of summer varying with the variety. Decorative, iris-like foliage.

- Aurantiaca.** Grows 3 to 4 feet high and blooms freely during June and July. Flowers large, trumpet shaped; orange, with bright yellow stamens and reverse. 20 cts.; \$2.00 per dozen.
- Florham.** Large sized, frilled, clear rich yellow. July and August. 3 feet. 20 cts.; \$2.00 per dozen.
- Luteola.** A cross between Aurantiaca Major and Thunbergi, with fine large orange yellow flowers. 2½ feet. 20 cts. each; \$2.00 per dozen.
- Middendorffii.** Dwarf growing, with clusters of lily flowers 5 to 6 inches long; bright yellow. 20 cts.; \$2.00 per dozen.
- Sieboldi.** A fine upstanding variety with large flowers of light orange yellow, medium height. 20 cts.; \$2.00 per dozen.
- Thunbergi.** Funnel-shaped flowers of buttercup yellow in July. 4 feet. 20 cts.; \$2.00 per dozen.



New
GiantMallow
Marvels

HIBISCUS Moscheutos. The fine old Swamp Rose Mallow. Large purplish pink flower with large dark eye. Four to five feet. 20 cts.; \$2.00 per dozen.

—**Crimson Eye.** Immense flowers of purest white, with large centers of velvety crimson. 20 cts.; \$2.00 per dozen.

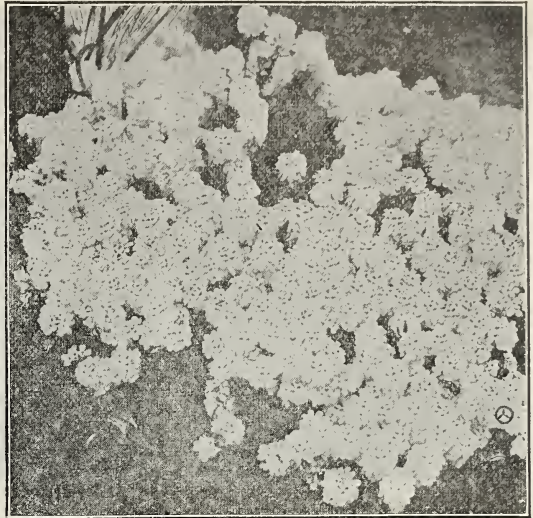
—**New Giant Mallow Marvels.** Of all recent improvements among perennials, these new mammoth flowered strains of the common Marsh Mallow (*Hibiscus*) are perhaps the most striking and notable. Single, in groups by themselves, or mingled with shrubbery of any kind, and in any kind of soil, they are a delight to the eye and a satisfying subject wherever a tall, shrubby plant is required.

—**Red Marvels.** Shades of red. 25 cts.; \$2.50 dozen.

—**Mixed.** 20 cts.; \$2.00 per dozen.

Hyacinthus Candicans. 20 to 30 white, pendant, bell-shaped flowers on stalks 3 to 4 feet high. Blooms early and till late fall. 10 cts.; \$1.00 per dozen.

Hypericum Moserianum. (Gold Flower.) Forms a shrubby, recumbent bush, 2 to 2½ feet high, of slender, well-branched stems. Single, 2 inch, bright golden flowers. 20 cts.; \$2.00 per dozen.



Hardy White Candytuft

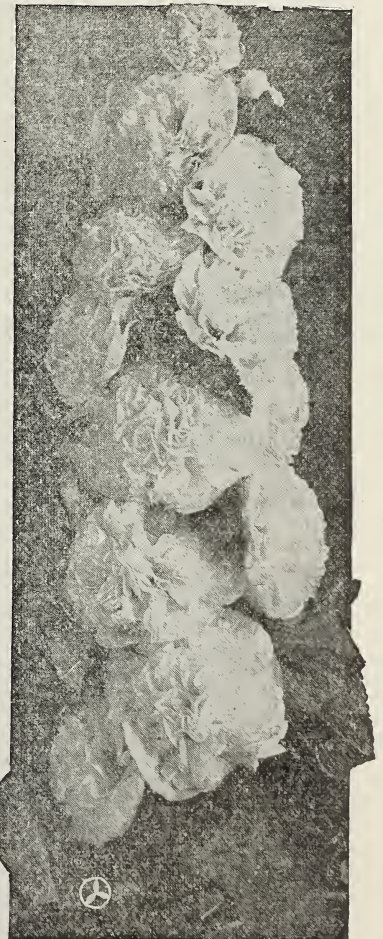
Holly- hocks.

"King of the Garden." Hollyhocks inject so much of color and life and picturesqueness into tall backgrounds with their gorgeous, densely-set pillars ranging in height from 4 to 7 feet, ablaze throughout the summer with their very double flowers. In separate colors: **Crimson, Black, Yellow, White, Maroon and Pink.** 15 cts.; \$1.50 dozen.

Mammoth Fringed.

Extra large flowers, petals finely curled and fringed; colors shell-pink, rose, and ruby-red. Entirely different from all other Hollyhocks.

Mixed. 15 cts.; 8 for \$1.00.



Double Hollyhock

Iberis Sempervirens. Hardy white "Candytuft." 25 cts.; \$2.50 per dozen.

Heuchera

Brizoides.

A delightful hybrid of the "Coral Bells," useful for low borders and cutting. The heart-shaped purple tinged leaves appear in compact tufts; from which spring numerous slender red stems, each weighted with tiny pink bells. 20 cts. each; \$2.00 dozen.



"Coral Bells"



Celeste



Intermediate Iris—Ingeborg



Honorabilis

Bloom: Large, fragrant, useful;
delicate tints; exquisite patterns.

IRIS

Foliage: Rich, ever-green color;
makes splendid, dense borders.

GERMAN IRIS

Iris Germanica. The "Fleur de Lis" of France, and well-beloved favorite in every old-time garden. Although capable of establishment in any kind of soil, they will attain greater perfection of growth and flowering in a damp or marshy situation. The exquisite, haunting fragrance and delicacy of tinting in their flowers makes their spring advent a source of keenest pleasure; and their departure—all too soon—an equally keen regret.

Candicans. Soft, light-blue.

Celeste. Falls bright blue, uppers delicate grayish blue; all having a lavender effect.

Cythere. A very attractive combination of lavender standards and heavy falls of purple veined white. 25 cts. each; \$2.50 per dozen.

Edith. Standards light blue, falls purple.

Florentina Alba. Sweet scented, free flowering white.

Fulda. Satiny white; lower petals lilac, feathered yellow.

Her Majesty. Standards old rose, falls white striped rosy lilac; very large flower. 20 cts.; \$2.00 per dozen.

Honorabilis. Yellow, falls rich mahogany brown.

Innocence. Pure white, penciled purple and orange. 20 cts. each; \$2.00 per dozen.

Johan De Witt. Standards bluish violet; falls deep violet purple veined with white.

Jordan. Both standards and falls, light mauve.

Mad. Chereau. White, elegantly frilled, with a wide border of clear blue; one of the most charming sorts.

Mad. Pacquette. A beautiful variety all over rosy claret. 20 cts. each; \$2.00 per dozen.

Mad. Patti. Rosy purple standards with pale yellow falls. 25 cts. each; \$2.50 per dozen.

Mrs. H. Darwin. Satiny white, veined crimson.

Othello. Has the charm of strong contrast in colors that nicely harmonize; falls dark, velvety purple, standard light blue.

Pallida Dalmatica. A rare, delightful variety, especially fine for massing as well as for cutting. Tall growing; with very large full-formed flowers of soft lavender, the falls being of deeper hue. 25 cts.; \$2.50 per dozen.

Pallida Perfecta. Strong growing as the type, with splendid flowers of rosy violet, with orange beard. 20 cts. each; \$2.00 per dozen.

Parisiensis. Large, deep purple, delicately penciled white.

Plicata. Entire flower a velvety violet-purple.

Queen of May. Very dainty and effective; soft rose-lilac, almost pink.

Unless noted, 15 cts. each; \$1.50 per dozen.

By express, \$8.00 per 100.



Our Nursery Field of "Fleur de Lis"



"THE IRIS MEDLEY"



Six Distinct Color Types.

Celeste—Lavender.

Fulda—White and Lilac.

Honorabilis—Yellow and Mahogany.

Johan De Witt—Violet-purple.

Innocence—White.

Mad. Pacquette—Rosy claret.

Set, 2 each, by mail, \$1.40; by express, \$1.15.

Half-set, by mail 75 cts.; by express, 60 cts.

6 sets, 72 roots, by express, \$6.00.

JAPAN IRIS

Iris Kaempferi. Last of the wonderful Iris procession in point of season; but for size of plant and flowers shapeliness, richness of coloring, beauty of pattern, and splendor of general effect, is unquestionably first. Like other Iris, the Japanese species are partial to moisture in the soil, but can get along with less than the Germanica type. They insist, however, upon thorough and frequent cultivation, giving recompense for extra labor, in extra bloom and added beauty. Their flowers are generally rather flat and wide, often measuring 10 to 12 inches across, appearing in great profusion during June and July after the Germans are through.



Japan Iris at Fainesville Nurseries

Gekka-no-nami. (Waves under Moonlight.) (1.) Earliest to bloom, and the choicest white; very free. Glistening white, with creamy white stigmas.

Kumo-no-obi. (Band of Cloud.) (2.) The lower and upper petals being nearly equal in size, make a very full flower and a solid blotch of color. Bright, clear purple, with distinct rays and halo of white surrounding the golden throat, the pure white standards tipped purple.

Momiji-no-taki. (Maple Waterfall.) (3.) A choice double variegated variety; bright crimson purple, beautifully feathered in white. Petaloid-stigmas white, purple crested.

Zama-No-Mori. (4.) Only three-petaled, but larger than a majority of varieties; one of the daintiest and most delightful of the delicate toned kinds. White, with a heavy azure blue zone; short white standards margined blue. 30 cts. each; \$3.00 per dozen.

Purple and Gold. (5.) Enormous double flowers often ten inches across, early and free blooming; one of the very best varieties. Color, rich violet-purple with white petaloids, tipped violet. The conspicuous golden throat extends outward in sharp bluish white rays.

Gold Bound. (6.) A fine double pure white, enriched by a creamy glow from the gold banded center.

Uchiu. (Universe.) (7.) Beautiful, six-petaled flowers of largest size, on the longest stems. Color, cerulean blue with golden center and white halo from which radiate many clear white lines. Standards white, tipped blue. This variety covers the longest blooming season and is altogether one of the most attractive. 35 cts. each; \$3.50 per dozen.

Iso-no-Nami. (Shallow Waves.) (8.) A magnificent broad-petaled variety; one of the largest flowered and the latest to bloom. Color a nebulated suffusion of rose and cerulean blue over white; deepening towards the gold flushed center of rosy lilac. 35 cts. each; \$3.50 per dozen.

Unless noted, 25 cts. each; \$2.50 per dozen.

By express, \$2.00 per dozen; \$12.00 per 100.

S. & H. CO. JAPAN IRIS SET

8 Distinct Well-balanced Sorts.

By mail, for \$1.75; by express, for \$1.45.

INTERMEDIATE IRIS

Handsome, new, large flowered, medium growing hybrids, resultant from crossing the tall bearded Germans with the various Crimean hybrids. These are vigorous; hardy and free flowering, blooming in May just ahead of the taller Germanica class.

Helge. Lemon yellow with pearl shadings.

Ingeborg. Pure white.

Walhall. Standards lavender, falls wine-red.

25 cts. each; \$2.50 per dozen.

SIBERIAN IRIS

A very practical, showy and prolific type of dwarf habit; with narrow, grassy foliage and 2 to 3 foot stems; furnishing a prodigious amount of medium sized flowers during June—between the German and Japan sections.

Sibirica. Purplish blue. 2 feet.

—**Orientalis Superba.** Large, violet-blue flowers; extra good foliage. 3 feet.

—**Blue King.** Clear, bright blue.

—**Snow Queen.** Large; ivory white.

20 cts. each; \$2.00 per dozen.



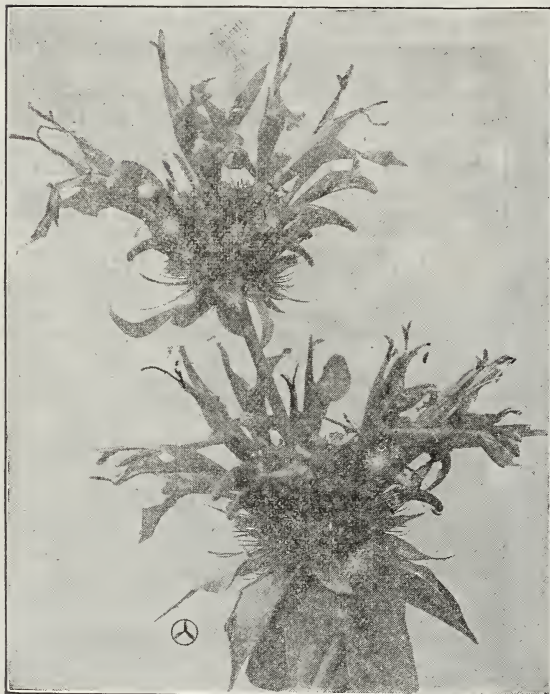
**Lychnis Viscaria Splendens**

Lathyrus Latifolius. (Hardy Climbing Pea.) Red, pink and white. 25 cts. each; \$2.50 per dozen.

Linum Perenne. (Perennial Flax.) Dainty, feathery foliage and sparkling single flowers all summer. 2 feet. A charming interlude among coarser leaved plants, if massed liberally, also a good rock plant. **Blue or White.** 20 cts.; \$2.00 per dozen. By express, \$15.00 per 100.

Lobelia Cardinalis. (Cardinal Flower.) Intense cardinal red flowers arranged in stocky spikes 15 to 18 inches long, keep the plant aflame throughout August and September. 20 cts. each; \$2.00 per dozen.

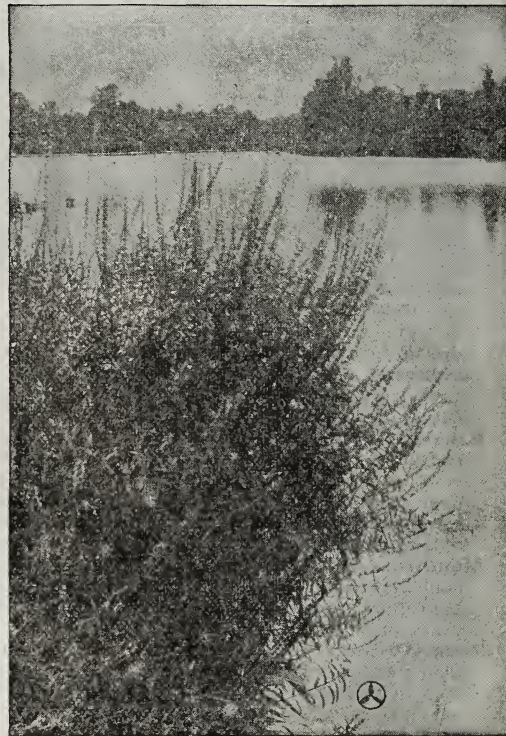
Lychnis Viscaria Splendens. (Lamp Flower.) Almost ever-green foliage; in June and July fairly ablaze with close spikes of crimson flowers. The most vivid colored of any hardy perennial. 20 cts.; \$2.00 per dozen

**Monarda Didyma****Lythrum Roseum Superbum.** (Rose Loose Strife)

Large, compact spikes of deep rose colored flowers from June to September. 20 cts.; \$2.00 per dozen.

—**Brightness.** (New.) Intensely brilliant rose; its long spikes very full and showy. 25 cts. each; \$2.50 per dozen.

—**Rose Queen.** (Virgatum.) A fine new sort of compact habit, prodigal bloom, and rich rose color. 25 cts. each; \$2.50 per dozen.

**Lythrum Roseum**

Monarda Didyma. (Var. Cambridge Scarlet.) A bushy coarse-leaved plant, growing about 2 feet high; covered with round, full heads of red flowers with a petalage similar to the Cactus Dahlias. Known as "Bergamot," "Oswego Tea," "Mint," etc., on account of the delicious fragrance of their leaves when crushed. 20 cts.; \$2.00 per dozen.

Pachysandra Terminalis. One of the best ground covering plants, averaging 6 to 8 inches in height and branching freely into a dense mat. Its shapely indented foliage is practically evergreen; thick, rubbery, lustrous dark green. It bears small spikes of light colored flowers during May and June, and is in all respects very desirable. 20 cts. each; \$2.00 per dozen. By express, \$15.00 per 100.

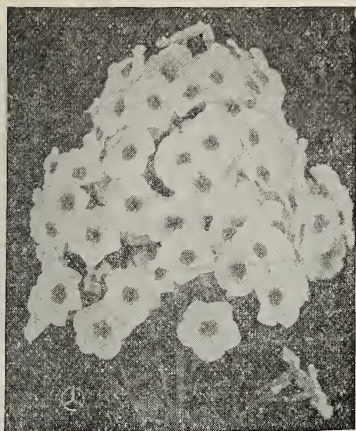
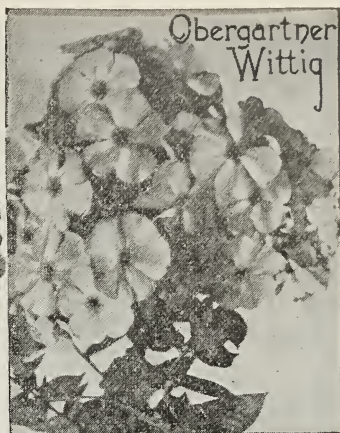
PAPAVER. (Hardy Poppies.) Among the most welcome flowers that glorify the early spring and summer are the big, glowing, nodding Poppies. Although their blooming season is short, their foliage is attractive all summer.

—**Oriente.** The brilliant "Oriental Poppy," with immense flaming flowers of orange-scarlet.

—**Bracteatum.** Very deep scarlet with conspicuous black blotch at center.

—**Princess Louise Victoria.** Salmon pink. All Poppies, 20 cts. each; \$2.00 per dozen.

Pentstemon Barbatus Torreyi. (Scarlet Beard Tongue.) Close set spikes of small, brilliant, scarlet flowers on slender, nodding, 3 to 5 feet stems. July and August. 15 cts.; \$1.50 per dozen.

**Phlox Bridesmaid****Ingeborg**

HARDY PHLOX

No class of hardy plants is more desirable than the Perennial Phloxes. They will thrive in any position and can be used to advantage in the hardy border, in large groups on the lawn, or planted in front of belts of shrubbery, where, by judicious pinching back and removing faded flowers, a constant succession of bloom may be had until frost. Except the dwarf species, all Hardy Phloxes are admirably adapted to cutting.

We offer a select list of strong **field grown roots**.

Athis. Tall; bright salmon-pink, violet eye.

Bridesmaid. White, crimson eye; fine truss.

Caran d'Ache. Geranium red, with old rose shadings and sharply defined white eye.

Champs Elysee. Brilliant crimson purple flowers, in broad heads.

Coquelicot. Short, bushy growth, very free and continuous bloom; fiery orange scarlet.

Eiffel Tower. Tall, perfect, distinguished; a remarkable variety, not new but always scarce. Warm flesh-pink, the crimson eye set like a jewel on a velvet field. Can be distributed in no more than dozen lots. 50 cts. each; \$5.00 dozen.

Europa. A particularly strong, sturdy and distinct variety; white, with pronounced crimson-carmine eye.

Frau Anton Buchner. Dwarf, large flowered white.

Ingeborg. This new Phlox is extremely brilliant; flowers extra large in much branched, loose panicles. Color rich vermilion-red, delicately suffused orange-salmon, the center accentuated by a small purplish crimson eye. 30 cts. each; \$3.00 dozen.

Le Mahdi. Deep reddish violet. Early.

La Vague. An improvement over varieties of similar color, with immense, conical heads, borne in great profusion. Warm mauve with emphatic carmine eye.

Lothair. Carmine-pink, with deep crimson eye.

Mad. Bezanson. Bright aniline red.

Luminaux. Bright rosy crimson with carmine eye.

Mad. Paul Dutrie. Good sized flowers in compact trusses; dainty lilac-rose.

Mad. P. Langier. Brilliant crimson. This is one of the richest colored and most striking red Phloxes known; for years our best seller.

Miss Lingard. Longest spikes of any Phlox—blooms from the ground up. Waxy white, lavender eye.

Mrs. Wm. Jenkins. An early and free bloomer, one of the best tall varieties. Flowers large, pure white.

Obergartner Wittig. Bright magenta with light halo and crimson eye.

Pantheon. The peerless pink. Extra large, always flat flowers of salmon-rose.

Peach Blossom. Dwarf; soft shell-pink with a lighter eye; one of the daintiest of all.

Prof. Virchow. Bright carmine, overlaid with brilliant orange-scarlet. 25 cts. each; \$2.50 per dozen.

Rheinlander. A new variety of great beauty; a rare shade of salmon-pink, intensified by a distinct claret-red eye. Flowers and truss of unusual size. 25 cts. each; \$2.50 per dozen.

Richard Wallace. Violet-eyed, white.

Rosenberg. Extremely large florets and truss; bright reddish violet, with blood-red eye.

R. P. Struthers. Rosy carmine with claret-red eye.

Ryndstrom. Color a lively shade of rose-pink, much like Paul Neyron Rose; flowers very large. One of the best for massing.

Siebold. An improved Coquelicot; somewhat brighter and a stronger grower; vivid orange scarlet. 25 cts. each; \$2.50 per dozen.

Sir Edwin Landseer. Good solid crimson.

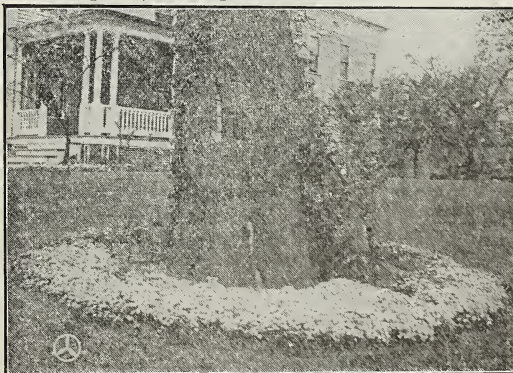
Thor. A charming shade of deep salmon-pink suffused and overlaid with a glow of scarlet.

The eye of aniline red centers a most attractive aureole nearly pure white. 25 cts.; \$2.50 per dozen.

White Lady. A beautiful pure white variety.

Unless noted, 20 cts. each; \$2.00 per dozen.

By Express, \$12.00 per 100.



Phlox Subulata. Creeping Phlox or "Moss Pink." Beautiful ground covering plants with low spreading stems and narrow moss-like leaves. Often used for covering graves, surrounding old stumps, and even large growing trees.

—**Rosea** or **Alba.** 20 cts. each; \$2.00 per dozen.

**Physostegia**

feet high. **Blue or White.** 15 cts.; \$1.50 per dozen.

Physostegia. (False Dragon Head.) Handsome mid - summer flowering plants, 3 to 4 feet high; bearing broad, dense spikes of tubular flowers of delicate, but conspicuous beauty.

—**Speciosa Alba.** Pure white. 15 cts. each; \$1.50 per dozen.

—**Virginica.** Rosy purple. 15 cts; \$1.50 doz.

Platycodon Grandiflorum. (Balloon Flower.) Blooms constantly from July until late in September; flowers large bell-shaped, in numerous loose racemes. An extremely rapid grower, making dense branching bush two to three



Sedum. (Stone Crop.) An easily grown and useful class of hardy plants which can be used to advantage in poor, sandy or rocky soil, which would be otherwise barren. The Sedums are all very pretty and should be given room in every garden.

—**Sieboldi.** Dwarf and spreading, much prized as a carpet bedding and around rock work. The foliage is round, saucer-shaped, glaucous green edged from purple to pink, and surmounted during August and September with numerous bright pink corymbs. 15 cts. each; \$1.50 per dozen.

—**Spectabilis.** Of upright growth, 15 to 18 inches high. Foliage rounded, thick and rubbery, crowned with massive flat cymes of light rose-colored flowers. 20 cts.; \$2.00 per dozen.

—**Brilliant.** A new form of above, with dark crimson flowers, very showy. 20 cts.; \$2.00 per dozen.



The pronounced spicy fragrance of their flowers vie with their beauty of form and color in keeping up a constant demand for them.

Stock of these fine old-fashioned flowers has been quite scarce during the past few years, and can even now be furnished in limited quantities only.

—**Double White.** Fully double flowers in greatest abundance.

—**Elsie.** Bright red with maroon center.

—**Essex Witch.** Delicate pink, finely fringed.

—**Grenadier.** Bold red.

—**Her Majesty.** Very large and full; purest white.

—**Laura Wilmer.** White, with purplish maroon center. 25 cts. each; \$2.50 per dozen.

Rudbeckia "Golden Glow." Grows 5 to 7 feet and blooms from early summer until frost. Flowers resemble golden-yellow Cactus Dahlias. 15 cts.; \$1.50 per doz.

—**Newmani.** Grows 1½ to 2 feet; plentifully supplied with broad single flowers of orange-yellow, with a prominent brown cone. 25 cts.; \$2.50 per dozen.

Holt's Mammoth Sage. Although quite attractive as an ornamental plant, with its gray-green wrinkled foliage and spikes of pale blue flowers, this sage is cultivated for the culinary flavor and medicinal virtues of its leaves. This new variety is especially prolific, strong flavored and upright in growth. 15 cts. each; \$1.50 per dozen.

**Sedum Spectabilis**



"Meadow Sweet"



Stokesia



Valerian'

Spirea Aruncus. (Goats Beard.) Throws up numerous spikes 3 to 5 feet high, in bloom during mid-summer with immense, feathery panicles of pure white flowers. 25 cts. each; \$2.50 per dozen.

—**Palmata Elegans.** (Meadow Sweet.) Bushy, 3 foot growth, exceedingly ornamental foliage, with reddish stems and veins; a mass of fleecy panicked bloom during June and July; color white, with protruding pink anthers. 25 cts.; \$2.50 per dozen.

Stokesia Cyanea. (Stoke's Aster.) One of the most charming hardy plants, freely blooming from July to October. Flowers of Centaurea shape, often measure 4 to 5 inches across. $1\frac{1}{2}$ to 2 feet. **Blue or White.** 20 cts.; \$2.00 per dozen.

Thalictrum Dipterocarpum. (Meadow Rue.) A graceful border plant growing about 4 feet high, with pretty, fine-cut foliage and a profusion of flower sprays during August and September. Color lilac-mauve, brightened by a bunch of lemon yellow stamens and anthers. 50 cts.; \$5.00 per dozen.

Tradescantia Virginia Alba. (Spiderwort.) Plants about 2 feet tall, with richly green foliage and clustered white blossoms an inch wide; in bloom all summer. 15 cts.; \$1.50 per dozen.

Valeriana Coccinea. Showy heads of reddish flowers. June to October. 2 feet. 20 cts.; \$2.00 per dozen.

—**Alba.** White flowers. 20 cts.; \$2.00 per dozen.

Veronica Longifolia Subsessilis. (Speedwell.) A 3 foot border plant with attractive foliage of distinct character, a roughened bronze-green. Flowers are borne abundantly during July and August, in long, compact spikes. Deep blue. 20 cts. each; \$2.00 dozen.

Yucca Filamentosa. (Adams Needle or Spanish Bayonet.) A stately foliage and flowering plant equally imposing in solitary or group plantings, always conspicuous. The broad sword-like foliage is evergreen; while midsummer shows great erect branching stems bearing a showy display of pendant creamy-white bells. 20 cts.; \$2.00 per dozen. 3-year, by express, 25 cts.; \$2.50 per dozen.

Tritoma
Pfitzeri.

(Red Hot Poker.) An improved up-standing type of perfect form; brilliant scarlet, the opened lower petals merely, being rimmed with orange. Rush-like foliage supports smooth, thick flower stalks a yard long, with a single fey cone at the top. July into September. Must be carefully protected or else carried dormant in dry sand in the cool cellar, during winter. 25 cts. ea.; \$2.50 doz.



Yucca Filamentosa



6 "READY-MADE" SHRUB GROUPS

Suggestions carefully designed for your guidance. These collections will be filled with nothing but our choicest selected stock, in the largest available grade; they are not subject to any changes. Like all of our "Collections" they are priced so low as to be real bargains. The tall shrubs should be planted 30 to 36 inches apart; the mediums 24 to 30 inches apart; and the dwarfs 18 to 24 inches apart.

The "Corner Group" \$13 OF SELECTED FLOWERING SHRUBS

Following is a selection of 37 plants which we believe would be entirely satisfactory and pleasing to a majority of people; to be used as a compact group for the corner of lot or building. The taller kinds (marked "T") should naturally furnish the background, against either the wall or fence; the medium growers (marked "M") should come next; with the dwarf growing sorts (marked "D") as an outside border.

2 Lilacs (T)	See Page	129
2 Viburnums (T)	" "	134
2 Forsythias (T)	" "	127
4 Weigelas (M)	" "	135
4 Spirea Van Houtte (M)	" "	133
4 Deutzia Gracilis (D)	" "	126
4 Hydrangea P.G. (M)	" "	128
5 Symphoricarpos Vulgaris (M)	" "	133
5 Spirea Callosa Alba (D)	" "	132
5 Berberis Thunbergi (D)	" "	125

37 First-Class Shrubs for \$13.00

The "Cottage Collection" \$5 OF FLOWERING SHRUBS AND ROSES

This is a selection of individual specimen plants giving a variety of color, foliage and blooming season; in quantity suitable for ornamenting small front yards. Of course, the exact location of plants will be established by individual taste, and the particular shape and extent of each yard. These shrubs are furnished in top grade stock at an attractive net price.

1 Hydrangea "Hills of Snow" (M)	See Page	128
1 Hydrangea Paniculata Grandiflora	" "	128
1 Spirea Van Houtte (M)	" "	133
1 Althea ("Rose of Sharon") (T)	" "	124
1 Snowball (T)	" "	134
1 Weigela (M)	" "	135
1 Tartarian Honeysuckle (T)	" "	128
2 Lilacs, White and Purple (T)	" "	129
1 Crimson Rambler Rose	" "	104
1 Clematis Paniculata (Vine)	" "	131

11 Specimen Plants for \$5.00

FOUNDATION PLANTINGS

We receive a great many appeals for advice as to what would plant advantageously against the house foundations. We are, therefore, submitting the following arrangements for location in the full or partial sunlight, and for the shaded sides as well. Your own good judgment will adjust the matters of basement windows, and expansion or contraction of intervals according to size of the house.

"Shady Side"

A

or

B

- 3 Snowberry
3 Indian Current
4 Barberry Thunbergi
4 Deutzia Gracilis

- Back
Row
Front
Row

- 3 Hydrangea "Hills of Snow"
3 Calycanthus
4 Spirea Callosa Alba
4 Deutzia Gracilis

Either "A" or "B",—
the 14 shrubs for

\$5.50

Either "C" or "D",—
the 14 shrubs for

\$6.50

C

or

D

- 3 Spirea Thunbergi
3 Weigela Rosea
4 Hydrangea P. G.
4 Deutzia Lemoinei

- Back
Row
Front
Row

- 3 Spirea Van Houtte
3 Tartarian Honeysuckle
4 Golden Syringa
4 Variegated Lf. Weigela

"Sunny Side"

SHRUBS FOR SPECIAL PURPOSES

123

SHRUBS FOR SHADY PLACES

Japanese Barberry.	Indian Currant.	Rugosa Roses.
Dwarf Deutzias.	Mahonia.	Snowberries.
Dogwoods.	Privet.	Witch Hazel.

SHRUBS AND TREES FOR WET PLACES

Alders.	Deciduous Cypress.	Lindera Benzoin.
Buckthorn.	Dogwoods.	Tamarix.
Chokeberries.	Elders.	Willows.

SHRUBS AND TREES HAVING ATTRACTIVE BERRIES

Japanese Barberry.	Evonymus.	Mountain Ash.
Bird Cherry.	Elders.	Myrica Cerifera.
Bittersweet.	Bush Honeysuckles.	Rhodotypus.
Callicarpa Purpurea.	Indian Currant.	Snowberries.
Chokeberries.	Japan Quince.	Sumac.
Dogwoods.	Lindera Benzoin.	Viburnums.
Elaeagnus Longipes.		

SHRUBS HAVING COLORED OR VARIEGATED FOLIAGE

GOLDEN FOLIAGE	SILVER FOLIAGE	RED AND PURPLE FOLIAGE.
Cornus Gouchalti.	Althea Variegated Leaf.	Japan Maples.
Golden Elder.	Cornus Elegantissima Var.	Prunus Pissardi.
Golden Hop Tree.	Var. Japan Corchorus.	Purple Beech.
Golden Spirea.	Russian Olive.	Purple Filbert.
Golden Syringa.	Sambucus Variegata.	
Rhodotypus.	Silver Thorn.	
	Weigela Rosea Nana Var.	

RED FLOWERS

Althea—Double Red.
" Single Red.
Calycanthus.
Cydonia Japonica.
Tart. Red Honeysuckle.
Lilac—Rothomagensis.
" Chas. Joly.
" Jean Bart.
" Lorraine.
" L. Spaeth.
Spirea—A. Waterer.
" Walluffi.
Weigela—A. Carriere.
" Eva Rathke.
" Floribunda.
" Van Houtte.
Trumpet Vine.
Clematis—Coccinea.
" Mad. Andre.
Hskl.—Scarlet Trumpet.

YELLOW FLOWERS

Barberry.	Forsythias.
Caragana.	Keria.
Colutea.	Potentilla.
Cornus Mas.	Weigela Lutea.

*Most of the others are white, with a large percent pink; a few blue, purple, etc.

HEDGES AND SCREENS

THE HEDGE. Modern home-makers are planting hedges in lieu of the discarded fence, at little extra cost, and vast increase of sightliness. Hedges are equally effective for protection and separation, besides being a delight to the eye.

There are numerous shrubs specially adapted to this purpose, from which we shall submit just a few of the most popular and trustworthy.

CALIFORNIA PRIVET. For a cropped, formal hedge, the various Privets are most easily handled, and of them, the California Privet, or Ligustrum Ovalifolium, is used in by far the greatest proportion. Although not hardy in many localities of the Northwestern States, there is no reason why they should not do well in most sections of the entire Middle West and other Northern States. Spring is preferable for planting, although thousands are safely started in the Fall. Care should be taken in preparing the ground. Dig out a trench about 2 feet deep and wide as needed. If the soil is good and rich, it may be replaced; but if of doubtful quality, mix in some better. Apply about three inches of rotted manure or an equivalent in commercial fertilizer, and mix the entire heap thoroughly before returning to the trench. If the plants are to be in a single row, set them about 12 inches apart; if in a double row, about 18 inches apart each way and alternately. The single row is very effective, but naturally the double row makes a wider and denser hedge. No matter how strong the plants, cut back severely at planting; and covering the branches a little above the crown, makes for density. Trimming should commence after the plants are well established; in Spring before the buds swell, again in July, and sometimes after unusually strong growth, later in Summer.

BARBERRY. Barberry hedges are not so stiff as Privet and require less trimming; the natural growth being rounded, dense and attractively fluffy. The common Berberis Vulgaris, and B. Purpurea, are prohibited by the government, but Thunbergi is all right. Its branches are very fully covered with little round, maiden-hair-like leaves of bright rich green, which in Autumn take on a brilliant red color. Large bright red berries also appear in the Fall, and brighten the stems far into Winter. Small thorns afford ample protection against trampling and breakage. Plant 12 to 15 inches apart.

CYDONIA JAPONICA. (Japan Quince.) Plant 15 to 18 inches apart. A very hardy shapely growing plant, which will succeed in almost any soil.

RHAMNUS CATHARTICUS. (Buckthorn.) The dark foliage-masses of this dense, twiggy bush are relieved by masses of attractive white flowers in June and July. They are followed by showy black fruits. Plant 12 inches apart.

UPRIGHT HONEYSUCKLES. These shrubs are attractive for their pretty flowers, fragrance and Fall berries; the foliage being at all times clean and bright. Plant 15 to 18 inches apart.

HONEY LOCUST. Makes a very strong and long lived hedge; one of the best for turning stock. Plant 8 to 10 inches apart.

OSAGE ORANGE. This makes strong hedges, high enough for shelter and ideal for turning stock. Plant 10 inches apart.

RUGOSA, NATIVE and BRIAR ROSES. Although conforming to regular formation and uniform growth, a hedge of these shrubs have an air of wildness and unhampered freedom, inexpressibly charming. The foliage is dark and lustrous, and free from insect or fungus attacks; while the great single and semi-double flowers appear in riotous profusion and impregnate the air with their haunting fragrance. The red berries which follow are bright spots in the landscape during Autumn and Winter. There are various sorts in distinct colors; thus allowing a studied mixture of color which is very striking. Plant 18 inches apart.

SPIREA VAN HOUTTE. Few shrubs retain their attractive foliage throughout the year so well as this sort. In Spring, or about Memorial day, a hedge of Van Houtte is a perfect fountain of pure white bloom. Plant 18 to 24 inches apart.

PHILADELPHUS. The sweet-scented Syringa, Philadelphia, or "Mock-Orange," conform to pruning and may be kept at any desired height for a high hedge; and furnish one of the choicest classes of shrubs for this purpose. Plant 18 to 24 inches apart.

ASSORTED SHRUBS. A studied assortment of the taller growing shrubs, planted with regard to color and foliage contrast and differing blooming seasons, affords a most thrilling opportunity for genuine pleasure and artistic show. See pages 122 to 135 for selection and prices.

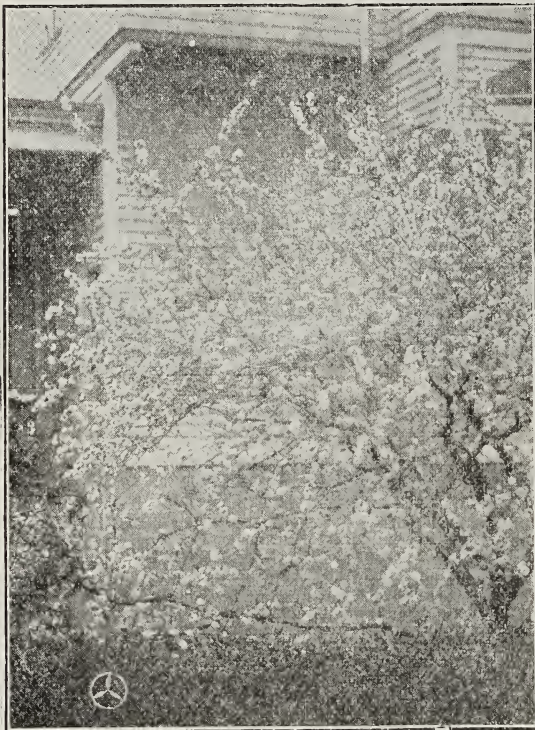
PRICE OF HEDGE PLANTS

	Per 10	Per 100
Barberry—Thunbergi, 15 to 18 inches.	\$2 50	\$18 00
" " " 18 to 24 inches.	3 00	25 00
Cydonia Japonica—18 to 24 inches.	2 50	20 00
Honey Locust—12 to 18 in., per M, \$10.00		1 25
Osage Orange. No. 1, per M, \$7. 50		1 00
" No. 2, per M, 5. 00		75
Privet—Hardy Amurense, 2 to 3 feet	2 50	20 00
" " 18 to 24 inches.	2 00	16 00
" California, 15 to 18 in., per M, \$60	1 00	7 00
" " 18 to 24 in., per M, \$80	1 20	10 00
" " 2 to 2½ feet per M, \$90	2 00	12 00
" Iibota, 18 to 24 inches.	2 00	16 00
Rhamnus Catharticus—1½ to 2 feet.	2 00	15 00
" 2 to 3 feet.	3 50	25 00
Upright Honeysuckles—2 to 3 feet.	4 00	35 00
Spirea Van Houtte—18 to 24 inches.	2 50	20 00
" 2 to 3 feet.	4 00	30 00
Philadelphus—2 to 3 feet.	4 00	30 00
" 3 to 4 feet.	5 00	40 00
Rosa Rugosa. 2 year field grown.	5 00	40 00
" Setigera.	5 00	40 00
" Carolina.	5 00	40 00
" Lucida.	5 00	40 00
" Humilis.	5 00	40 00
" Blanda.	5 00	40 00
" Multiflora.	5 00	40 00

HARDY ORNAMENTAL SHRUBS

All Shrubs are Priced for Freight or Express, Except Where Specially Stated "Mail Size"

Please bear this in mind when ordering, it is important. We pay postage on everything offered in "Mail Size"—which is quite small and light enough for mailing in limited quantities. But the sizes offered by height are too large to mail, and must be sent by express or freight, at customer's expense.

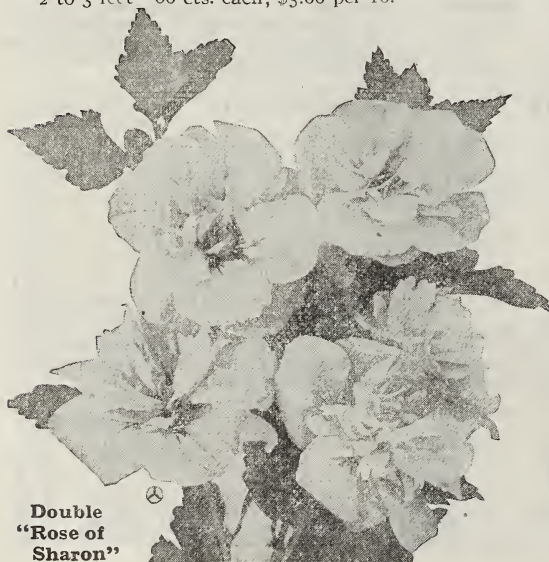


A very old Flowering Almond

ALMOND. Spring flowering shrubs, gaily in full bloom before the leaves appear. Their growth is dwarf, bushy and compact; slender branched; when in bloom completely hidden by beautiful, double flowers of rose or white, snuggling tight to the twigs.

—**Double White and Double Pink.**

2 to 3 feet—60 cts. each; \$5.00 per 10.



Double
"Rose of
Sharon"

ALTHEA. (Rose of Sharon.) Bloom late in August and September, with a profusion of large and brightly colored flowers much like the tender Hibiscus in form. Grown in standard form, they attain 10 to 12 feet in height and make attractive specimens. Planted more compactly and occasionally pruned, they are both serviceable and showy as hedges.

—**Double Rose, Double White, Double Purple.**

—**Double Red and Double Striped.**

2 to 3 feet—50 cts. each; \$4.00 per 10. } Mail size,
3 to 4 feet—60 " " 5.00 " } 20 cts. each.

AMORPHA FRUTICOSA. Grows 6 to 10 feet high in large spreading bush form, with bright green leaves in pinnate arrangement; flowers deep violet blue, in June. 2 to 3 feet—50 cts. each; \$4.00 per 10.



A Sprig of Aralia Pentaphylla

ARALIA PENTAPHYLLA. Long, slender, gracefully arching branches and bright green, compound foliage. Makes a small tree in time, especially attractive on rocky slopes. Greenish white flowers in long umbels.

2 to 3 feet—50 cts. each; \$4.00 per 10.

3 to 4 feet—60 " " 5.00 "

ARONIA. (Chokeberry.) Attractive, perfectly hardy shrubs preferring moist location, but equally good in dry soil. Leaves are smooth, pale green coloring vividly to red in fall. Flowers are a tinted white in numerous small corymbs, succeeded by conspicuous, persistent berry-like fruits.

—**Arbutifolia.** Upright, 6 to 10 feet; very pretty in April and May with an abundance of white flowers; its fall fruits carrying well into winter.

1½ to 2 feet—50 cts. each; \$4.00 per 10.

2 to 3 feet—60 " " 5.00 "

Owing to the provisions of Federal Quarantine No. 37, which disbars from importation any article of Nursery produce bearing the original ball of earth on the roots, as well as most everything else habitually secured by the Nurseries from Europe, we cannot offer Azaleas, Boxwoods, Baytrees, Kalmias, Magnolias or Rhododendrons.

**Thunberg's Barberry**

BERBERIS Thunbergi. (Japan Barberry.) There is no shrub in existence so generally planted or more practical for all purposes where beautiful foliage effect is desired than this. It is dwarf growing, uniformly bushy and rounded in form, susceptible to formal pruning, with small, numerous leaves densely covering the thorny twigs. These give it paramount importance for use as a filler, and edging for shrubbery groups; as a foundation screen in front of porches; and, above all, as a compact, impassable, hardy, low hedge for confining lawns or dividing properties. As dainty in character as Maiden Hair fern, the foliage throughout spring and summer graduates from brightest to richest green; while autumn makes them blaze with crimson-scarlet and gold. Following the close-set, small flowers of creamy white, are oval fruits which gleam redly along every branch in late fall, and far into the winter.

15 to 18 in.—30 cts. each; \$2.50 per 10; \$18.00 per 100
18 to 24 in.—35 " " 3.00 " 25.00 "

BUDDLEIA. ("Butterfly Bush," "Summer Lilac.") One of the most admired and sought after shrubs in the trade. Of quick bushy growth; when the lovely bloom-spikes appear in July, the shrub, which had probably died down nearly to the ground during winter, is now a perfect specimen of about five feet; radiating a delightful perfume and glowing with the tints and flower shape of the Spring Lilacs.

—**Magnifica.** This variety is selected from several good sorts as being the hardest for all sections. Flower spikes 10 inches in length by 3 in diameter are not unusual. Color deep violet-rose, with a pronounced orange center. 2 to 3 feet—50 cts. each; \$4.00 per 10.

**Calycanthus****CALYCANTHUS.**

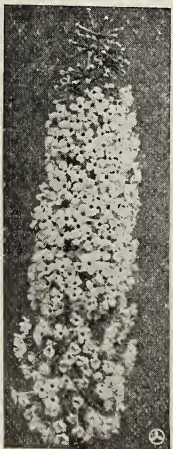
(Carolina Allspice.) A unique shrub, growing rapidly upright to 6 feet, clothing its straight, strong, reddish brown shoots with large glossy leaves, from the axils of which spring odd, double, spicily fragrant flowers of chocolate-red. Mail size, 15 cts. 18 to 24 in.—40 cts. each; \$3.00 per 10.
2 to 3 feet—50 " " 4.00 "

CARAGANA ARBORESCENS. (Siberian Pea Shrub.)

Grows ten to twelve feet high and makes a splendid show with its bright green, compound leaves, and numerous small clusters of yellow flowers.
2 to 3 feet—50 cts. each; \$4.00 per 10.

**Sweet Pepper Bush**

CLETHRA ALNIFOLIA. (Sweet Pepper Bush.) A handsome little shrub, delightfully fragrant in August and September when covered with long, showy wands of creamy white flowers. It is valuable for the front of the border, as it grows only 3 to 5 feet tall, and on account of its pleasing scent, is very popular in the little shrub groups so often planted in the corners made by the porch steps. 18 to 24 in.—50 cts. each; \$4.00 per 10.
2 to 3 feet—65 " " 5.50 "



**Cornus Elegantissima Variegata**

CORNUS. (Dogwood.) The shrubby Dogwoods are mainly valuable for the brilliancy of their barks and berries, and the handsome variegations of their foliage. All varieties do well in shade.

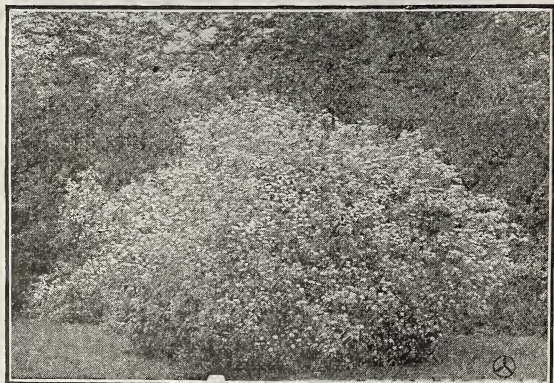
—**Sibirica.** Grows 6 to 10 feet high, with clusters of fine white flowers, succeeded by a fall crop of ornamental berries; stem and branches turning to blood-red in winter. 2 to 3 feet—50 cts. each; \$4.00 per 10.
3 to 4 feet—60 " " 5.00 "

—**Elegantissima Variegata.** Grows 8 to 10 feet high, with purplish red branches and beautiful silver variegated foliage. 3 to 4 feet—85 cts. each; \$7.50 per 10.

—**Lutea.** A striking yellow branched form of *Stolonifera*, very satisfactory for contrasting. 2 to 3 feet—50 cts. each; \$4.00 per 10.

—**Paniculata.** (Gray Dogwood.) One of the best sorts for tall shrub groups (6 to 15 feet). Showing a profusion of good sized white flowers in June. Berries white, on noticeable red stems. Bark and underside of leaves gray. 2 to 3 feet—50 cts. each; \$4.00 per 10.
3 to 4 feet—60 " " 5.00 "

—**Sericea.** (Silky Dogwood.) Usually dwarf growing with silky leaves, and dense cymes of greenish white flowers in early summer. Bark purplish, fruits black.

**Cornus Paniculata**

—**Stolonifera.** (Red Ozier Cornel.) Medium sized and spreading, dark red bark and white flowers, berries white. **Sericea and Stolonifera prices:**
2 to 3 feet—50 cts. each; \$4.00 per 10.
3 to 4 feet—60 " " 5.00 "

CYDONIA JAPONICA. (Japan Quince.) Very early in spring this fine old shrub is completely covered with dazzling scarlet flowers; followed by small, quince-shaped fruits which are quite fragrant. Growth bushy with protecting thorns. 18 to 24 in.—35 cts.; \$2.50 per 10; \$20.00 per 100.
2 to 3 feet—50 " 4.00 " 30.00 "

DEUTZIAS.

Valuable, self-sustaining shrubs which vary considerably in height and habit, but bloom alike in dainty bell or tassel-shaped flowers borne thickly in wreaths along their branches in June. The taller sorts are useful for specimens, groups, and the background of shrubberies; the dwarf, for borders or for planting near the house.

—**Candidissima.** Double pure white flowers.

—**Crenata.** Distinct from all others; white.

—**Crenata, fl. pl.** Double white, tinged pink.

—**Watereri.** Tall growing; with large pink, flat flowers in loose racemes.

**Deutzia Crenata fl. pl.**

Above 4 sorts: Mail size, 20 cts.

2 to 3 feet—50 cts.; \$4.00 per 10; \$35.00 per 100.
3 to 4 feet—60 " 5.00 " 40.00 "

—**Gracilis.** (Slender Branched.) Dwarf growing, dense, bushy, its drooping branches wreathed with pure white flowers in May. Also valuable for winter blooming in pots. Mail size, 20 cts. each.
15 to 18 in.—50 cts.; \$4.00 per 10.
18 to 24 in.—60 " 5.00 "

—**Lemoinei.** Large flowers of pure white borne in cone-shaped heads. Mail size, 20 cts. each.
2 to 3 feet—60 cts. each; \$5.00 per 10.

—**Magnificata.** Erect panicles of *Crenata* type, double flowered, and a mass of bloom in June.

—**Venosa.** Leaves rough, flowers in numerous panicles, filaments slightly toothed; pure white.

Two { 2 to 3 feet—60 cts. each; \$5.00 per 10.
above { 3 to 4 feet—70 " " 6.00 "

—**Pride of Rochester.** Grows 6 to 8 feet high; and blooms in May before the others. Flowers large and free, double white. Mail size, 20 cts. each.
2 to 3 feet—50 cts. each; \$4.00 per 10.
3 to 4 feet—60 " " 5.00 "

**Forsythia Fortunei** or "Golden Bell"

ELEAGNUS LONGIPES. (Japan Oleaster, "Silver Thorn.") A showy shrub of strong, bushy growth, with silver variegation in the lining of its leaves, which are dark green above. Its fragrant, creamy white blossoms open in April or May; the scarlet edible fruits hang thickly along its branches and are ripe in July. They make delicious sauces.

1½ to 2 feet—60 cts. each; \$5.00 per 10.
2 to 3 feet—70 " " 6.00 "

EVONYMUS Alatus. (Winged Burning Bush.) An 8 to 10 foot shrub, with corky winged branches; a fine shrub for solitary plantings, as well as for massing, the rich red and crimson of its leaves being very showy in Autumn. 2 to 3 feet—85 cts. each; \$7.50 per 10.

—**Bungeanus.** Tall growing shrub with slender branches and finely serrate 2 to 4 inch leaves. Flowers appear in numerous small forked cymes; succeeded by large, deeply lobed fruits which show pink, with white seeds and orange arils.

2 to 3 feet—50 cts. each; \$4.00 per 10.
3 to 4 feet—60 " " 5.00 "

EXOCHORDA GRANDIFLORA. (Pearl Bush.) It grows vigorously to a height of 6 to 10 feet, and can be trimmed to any desirable shape. The early buds look like pearls strung on slender threads, May opening them up to long, gleaming sprays of pure white. This is one of the showiest of the white Summer-flowering shrubs.

2 to 3 feet—60 cts. each; \$5.00 per 10.

PURPLE FILBERT. Makes a 10 to 12 foot tree, in time; useful for its fine "Hazel" nuts, in fall, and the rich purple of its foliage. 2 to 3 feet—\$1.25 each.

PURPLE FRINGE.

(*Rhus Cotinus*.) A conspicuous spreading shrub or small tree with large leaves; overhung in mid-summer by cloud-like masses of light, mist-like flowers—having the appearance of smoke.

2 to 3 feet—50 cts. each;
\$4.00 per 10.

3 to 4 feet—60 cts. each;
\$5.00 per 10.

FORSYTHIA. (Golden Bell.) These splendid old shrubs growing 8 to 10 feet tall eventually, light up the garden with glinting masses of yellow, very early in spring before the leaves appear.

—**Intermedia.** The earliest blooming.

—**Viridissima.** Twisted flowers.

—**Suspensa.** Very long, curving branches, superbly adapted to covering arches and trellises.

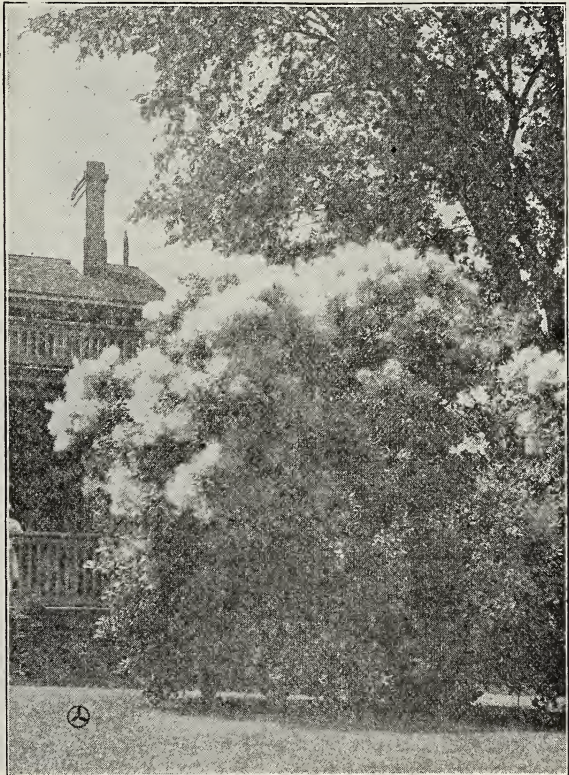
—**Fortunei.** Similar to above, but upright.

All Forsythias:

2 to 3 feet—50 cts. each;
\$4.00 per 10.

3 to 4 feet—60 cts. each;
\$5.00 per 10.

Mail size, 20 cts. each.

**"Purple Fringe" or "Smoke Tree"**



BUSH HONEYSUCKLES. (*Lonicera*.) The upright Honeysuckles have bright and pretty fragrant flowers followed by showy berries that last through the fall. Make very desirable and attractive hedges.

—**Bella Albida.** A handsome new hybrid of strong growth. Flowers white, in great fragrant clusters, followed by attractive ropes of red berries, which remain all summer. 3 to 4 feet, 60 cts. each; \$5.00 per 10. Mail size, 20 cts.

—**Fragrantissima.** Not a showy sort, but its early pink and white flowers are sweetly fragrant, and its foliage remains until late in winter, if somewhat sheltered. 3 to 4 feet—50 cts. each; \$4.00 per 10.

—**Ledebouri.** A new variety, very showy with bright red bloom in May. 2 to 3 feet—50 cts. each; \$4.00 per 10.

—**Ruprechtiana.** A new early flowering variety with showy white flowers, well set with bright red berries in June. 2 to 3 feet—50 cts. each; \$4.00 per 10.

—**Morrowi.** (Japanese Bush Honeysuckle.) A spreading variety growing 4 to 6 feet tall; blooms early in spring with pure white flowers, followed by pretty red berries.

—**Tartarica.** (Tartarian Honeysuckle.) A tall growing class attaining 8 to 10 feet if left unpruned, the red sort very bright in early summer with its flowers; all varieties resplendent during the fall with great quantities of red and orange berries.

—**Rubra.** Deep rose pink flowers in early summer.

—**Alba.** Flowers bluish white.

—**Grandiflora Rosea.** Bright pink.

—**Virginalis Alba.** Pure white; especially fragrant.

Above	2 to 3 feet—50 cts. each; \$4.00 per 10.
Five	3 to 4 feet—60 " " 5.00 "
sorts	Mail size, 20 cts.

HYDRANGEA. The massiveness of bloom on these valuable shrubs assures them a place in every grouping where solid white effects are required.

—**Arborescens Grandiflora.** ("Hills of Snow.") The flowers are, in a large way, similar to the familiar "Snowball" in appearance; conspicuously white and imposing. July to September.

18 to 24 in.—50 cts. each; \$4.00 per 10.

2 to 3 feet—60 " " 5.00 "

3 to 4 feet—85 " " 7.50 "

Mail size, 25 cts. each; \$2.00 per 10.

—**Paniculata Grandiflora.** Fine tall hedges, or if planted in rich soil and severely pruned every Spring before the leaf buds open, will get to be very dense, dwarf clumps of compact form, wonderfully attractive when laden with their massive white plumes. Large beds, kept at a uniform development, are extremely showy; first snowy white, then pink, then reddish bronze and green. August till autumn.

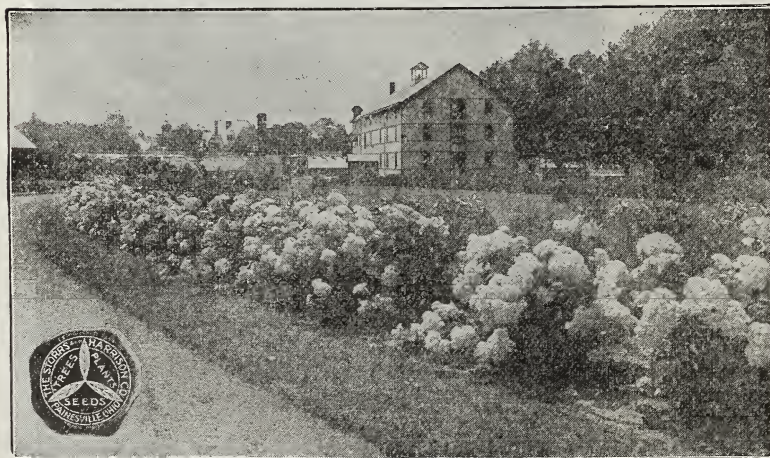
18 to 24 in.—50 cts. each; \$4.00 per 10.

2 to 3 feet—60 " " 5.00 "

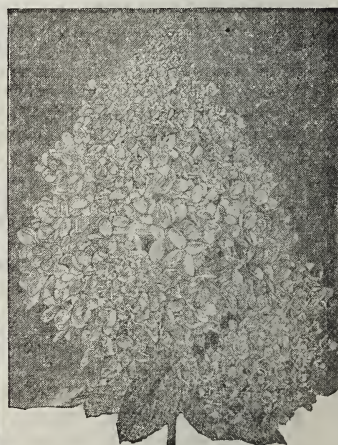
Mail size, 25 cts. each; \$2.00 per 10.

—**Tree Shaped.** Very desirable in this form, in formal lines and backgrounds, or solitary.

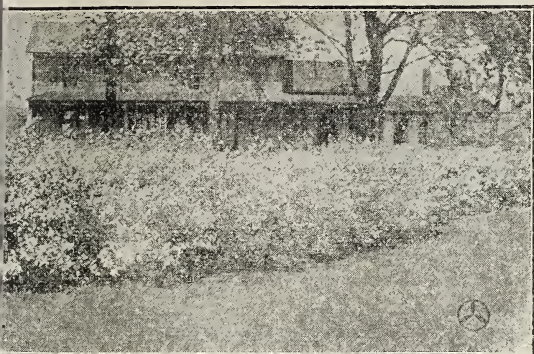
3 to 4 feet—\$1.25 each; \$10.00 per 10.



The "Snowball" Hydrangea



Hydrangea P. G.



The Golden Glory of Japan Corchorus

KERRIA Japonica. fl. pl. (Japan Corchorus.) A handsome, green-leaved shrub, growing 4 to 5 feet. Graceful, slender, drooping branches, painted with a wealth of rich yellow, rose-like, double flowers in June, and to some extent all summer.

18 to 24 in.—50 cts. each; \$4.00 per 10.

2 to 3 feet—60 “ “ 5.00 “

—**Variegata.** One of the choicest of the dwarf growing shrubs and always scarce. The foliage is small, dense and profuse, so variegated with white as to present a striking appearance of silver. The flowers are as large and yellow as on the taller type, and appear at intervals all summer.

15 to 18 in.—60 cts. each; \$5.00 per 10.

LILACS. (Syringa.) Best beloved of all the old time shrubs; exquisitely fragrant during the spring months.

—**Common Purple.** —**Common White:**

2 to 3 feet—50 cts. each; \$4.00 per 10.

3 to 4 feet—60 “ “ 5.00 “ } Mail size,

4 to 5 feet—85 “ “ 7.50 “ } 20 cts. each

—**Syringa Rothomagensis.** (Rouen Lilac.) Grows 10 to 12 feet high; immense reddish-purple panicles in May.

—**S. Villosa.** Dwarf growth, broad leaved; pinkish lilac flowers in long loose panicles. **2 sorts above.**
2 to 3 feet—75 cts. each; \$6.50 per 10.



The Old Garden Lilac Bush

NEW FRENCH NAMED LILACS.

Compared with the common types, these splendid varieties run to larger florets, fuller, more compact trusses, and slower, more uniform, tree-like growth.

Unless noted, 3 to 4 feet, \$1.00 each; \$9.00 per 10.

2 to 3 feet, .75 each; \$6.50 per 10.

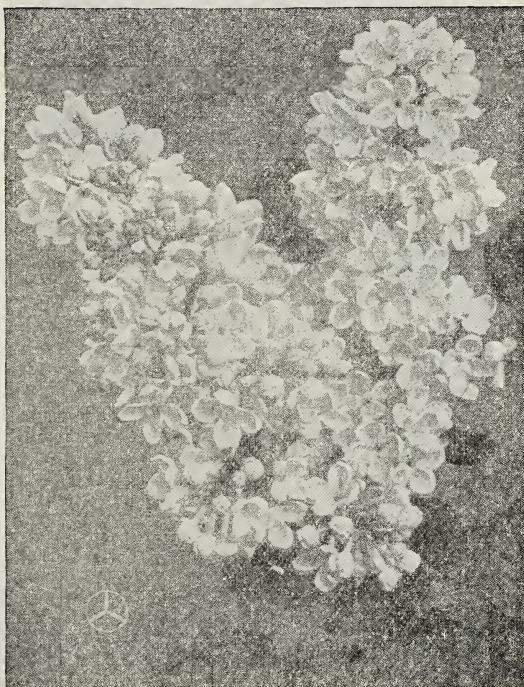
—**Alphonse Lavalle.** Blue, shaded violet.

—**Belle de Nancy.** Brilliant rose, white centered.

—**Chas. Joly.** Rather low in growth; flowers double, very dark reddish purple.

—**Congo.** Long spikes of single flowers; deep red purple.

—**Frau Bertha Dammann.** Immense trusses; pure white, medium sized single flowers.



French Lilac—Glorie de Lorraine

—**Glorie de Lorraine.** Splendid large single flowers in large trusses; red in bud, lilac when open. Bush grows not much over three feet high.

—**La Tour d'Auvergne.** Of notably strong growth; flowers large, violet purple.

—**Leon Simon.** Dwarf; double, bluish crimson.

—**Louis Henry.** Double, long, large flowers in immense panicles; a good forcing sort. Red-lilac tinted blue.

—**Marie Le Graye.** Single; pure white.

—**Mad. Abel Chatenay.** Double white.

—**Mad. Lemoine.** Double pure white.

—**Michael Buchner.** Dwarf; pale lilac.

—**Negro.** Very large panicles of single flowers; deep violet purple. 2 to 3 feet—85 cts. each; 3 to 4 feet—\$1.25.

—**Obelisque.** Double white. 2 to 3 feet—85 cts.; 3 to 4 feet—\$1.25.

—**Pres. Carnot.** Pale blue, marked with white at center.

—**Pres. Grevy.** Huge panicles; a beautiful shade of light blue.

—**Souvenir de Ludwig Spaeth.** A choice variety with long panicles of single flowers; dark, purplish blue.

—**Vivian Morel.** Very large, double; rosy lilac.



A bush of "Mock Orange".

PHILADELPHUS (Syringa or "Mock Orange")

NEW VARIETIES.

Manteau d'Hermine. Of very dwarf, drooping habit; branches long and slender, densely covered from base to tip with sweet scented double flowers.

Mont Blanc. Extremely fragrant and free flowering; medium size flowers of pure white in abundance, on slender, upright branches; tall. Above two new sorts, 2 to 3 feet, 75 cts. each; \$6.50 per 10. Mail size, 40 cts. each.

Nivalis Inodorous. Flowers snow-white, with creamy stamens. 3 to 4 feet—75 cts. each; \$6.50 per 10.

The Philadelphus is one of the best and most popular old shrubs, the taller growing sorts largely used for hedges. The flowers are very profuse, similar to strawberry blossoms but larger, white with a rich creamy tinge imparted by the golden stamens.

—**Aureus.** (Golden Syringa.) Valuable for contrastive grouping, and the best golden leaved shrub.

15 to 18 in.—65 cts. each; \$6.00 per 10.
18 to 24 in.—75 " " 6.50 "

Mail size, 25 cts. each.

—**Avalanche.** Large, fragrant flowers on slender branches which arch gracefully to the ground. 2 to 3 feet—60 cts. each; \$5.00 per 10. Mail size, 25 cts. each.

—**Bouquet Blanc.** Close set bunches of double or semi-double white flowers.

2 to 3 feet—65 cts. each; \$5.50 per 10.

—**Coronarius.** (Garland Syringa.) A fine old form, 8 to 10 feet tall, that blooms among the earliest of the family, in very graceful sprays. Its large white flowers are delightfully scented. May.

—**Grandiflorus.** Very large flowers in June.

—**Gordonianus.** Best late bloomer. July.

Above three sorts:

2 to 3 feet—50 cts. each; \$4.00 per 10.

3 to 4 feet—60 " " 5.00 "

Mail size, 20 cts. each.

—**Flore-pleno.** Beautiful semi-double white flowers. 2 to 3 feet—60 cts. each; \$5.00 per 10.

—**Lemoinei Erectus.** Erect growing with fine foliage, creamy white flowers in June. 2 to 3 feet—60 cts. each; \$5.00 per 10. Mail size, 25 cts. each.

PRIVET (Ligustrum)

Besides being one of our best hedge plants, various species of Privet form interesting groups on the lawn.

They are almost evergreen; of dense compact habit. The flowers are fragrant, and are followed by pretty sprays of different colored berries.

—**Amoor.** (L. Amurense.) Of similar form and habit to the California type, not so shiny, but reputed to be hardier.

18 to 24 in.—25 cts.; \$2.00 per 10; \$16.00 per 100.

2 to 3 feet—30 " 2.50 " 20.00 "

Mail size, 20 cts. each.

—**English.** (L. Vulgaris.) The familiar shrub of old gardens, with leaves of grayish green, white flowers and shining black berries.

18 to 24 in.—25 cts.; \$2.00 per 10; \$16.00 per 100.

24 to 30 in.—30 " 2.50 " 20.00 "

Mail size, 20 cts. each.

—**California.** (L. Ovalifolium.) A species of unusual beauty that has become the most popular of hedge plants. For groups and specimens it is equally pretty, and its shining leaves give it value for porch and terrace decoration when grown in standard form. Shears nicely to any shape.

18 to 24 in.—15 cts.; \$1.20 per 10; \$10.00 per 100;

\$80.00 per 1000.

2 to 3 feet—25 cts.; \$2.00 per 10; \$12.00 per 100;

\$90.00 per 1000. Mail size, 15 cts. each.

—**Ibota.** Spreading and tall growing, the hardiest of the group. Color grayish-green, fruits black.

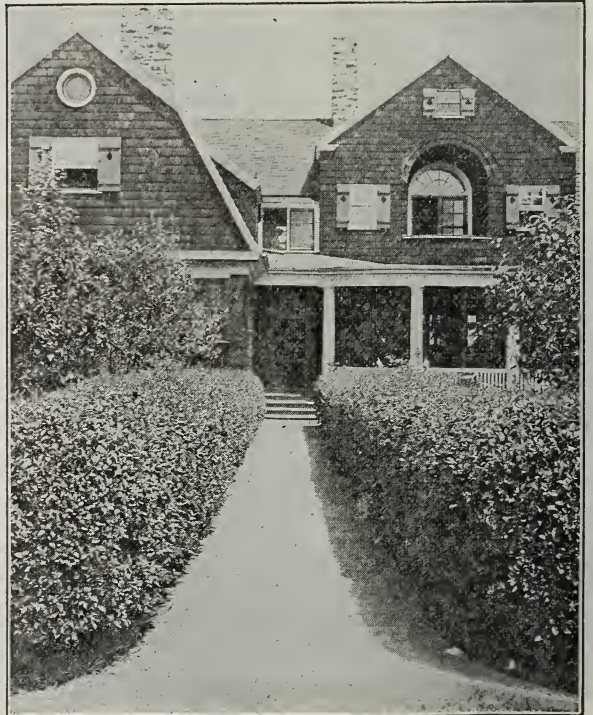
18 to 24 in.—25 cts.; \$2.00 per 10; \$16.00 per 100.

2 to 3 feet—30 " 2.50 " 20.00 "

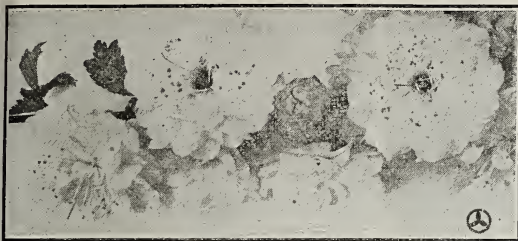
Mail size, 15 cts. each

—**Regels.** (L. Regelianum.) A dense shrub with stiff, twiggy horizontal spreading branches drooping at the ends.

18 to 24 in.—50 cts. each; \$4.00 per 10.



California Privet

**Prunus Triloba**

PRUNUS Pissardi. (Purple-leaved Plum.) A distinct and handsome little tree, covered with a mass of small, white, single flowers in spring; later, with showy pinkish purple leaves that deepen in color to the end of the season. Mail size, 75 cts. each.
4 to 5 feet—90 cts. each; \$8.00 per 10.
5 to 6 feet—\$1.00 " 9.00 "

Triloba. (Double Flowered Plum.) A charming shrub of vigorous growth. Very early in spring, before its leaves appear, the whole tree is decked in a fleecy cloud of double light pink blossoms. Its effect on a still leafless landscape is very bright.
3 to 4 feet—75 cts. each; \$6.50 per 10.

RHAMNUS CATHARTICUS. (Buckthorn.) A dense twiggy bush, 6 to 10 feet high, with dark foliage relieved by masses of attractive white flowers in June and July. Makes a good, prunable hedge.
18 to 24 in.—25 cts.; \$2.00 per 10; \$15.00 per 100.
2 to 3 feet—40 " 3.50 " 25.00 "

Frangula. A large shrub, with numerous leafy branches. Leaves dark green, paler beneath, fading with tones of yellow, orange and red. Berries change from red to black in September.
2 to 3 feet—50 cts. each; \$4.00 per 10.

RHODOTYPUS KERRIOIDES. (White Kerria.) An attractive shrub, 3 to 6 feet high, with good foliage and large, single white flowers late in May. The black seeds which follow are odd and showy.
2 to 3 feet—50 cts. each; \$4.00 per 10.

RHUS. (Sumac.) Every lover of Nature thrills at recollection of the picturesque, gnarly, wind-bent rows of Sumac familiarized since childhood in many a romantic sky-line. And the woods, the hillside copes never blazed so redly as when autumn painted the Sumac leaves and brought forth its gorgeous fruits.

Aromatica. (Fragrant Sumac.) Grows 2 to 4 feet tall; flowers yellow, in clusters along the stems, followed by red berries in June. Leaves color to brilliant scarlet. 2 to 3 feet—85 cts. each; \$7.50 per 10.



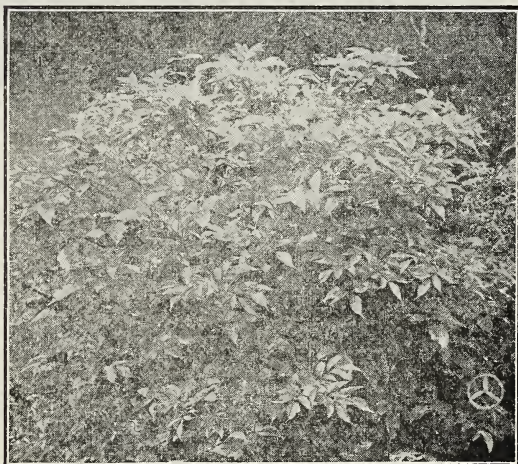
Copallina. (Shining Sumac.) Tall growing; foliage glossy. Blooms late, with terminal flowers of greenish white in dense panicles. Fruits large, deep crimson. Foliage colors beautifully in fall.
2 to 3 feet—75 cts. each; \$6.00 per 10.

Cotinus. (See Purple Fringe.)

Glabra. (Smooth Sumac.) Grows to a small tree with beautiful leaves which color brightly in Autumn; flowers in July followed by crimson or brown fruits.
3 to 4 feet—50 cts. each; \$4.00 per 10.
4 to 5 feet—60 " " 5.00 "

Typhina. (Stag Horn Sumac.) Picturesque and rugged in all stages of development to its small-tree maturity of about 30 feet. Its flowers are borne during June and July in dense terminal panicles, followed by impressive red fruits.
3 to 4 feet—60 cts. each; \$5.00 per 10.
4 to 5 feet—75 " " 6.50 "

Laciniata. Similar to foregoing, except its leaves are deeply cleft, which, if bush is pruned to induce considerable bottom growth, mingles the various angled fronds in a delightful "ferny" effect.
3 to 4 feet—75 cts. each; \$6.50 per 10.

**Golden Elder**

SAMBUCUS. (Elder.) Although the Elders are attractive in flower and fruit, they are chiefly grown for their beautiful leaves, which make admirable fillers among the finer foliage and branches of other shrubs. Being naturally rather tall growing and of robust habit, their use should be confined to back-grounds, screens or the higher hedges.

Acutiloba. (Cut-leaved Am. Elder.) Great handsome cymes of delicate, white, fragrant flowers in June and July, followed by large clusters of fruit.
2 to 3 feet—50 cts. each; \$4.00 per 10.
3 to 4 feet—60 " " 5.00 "

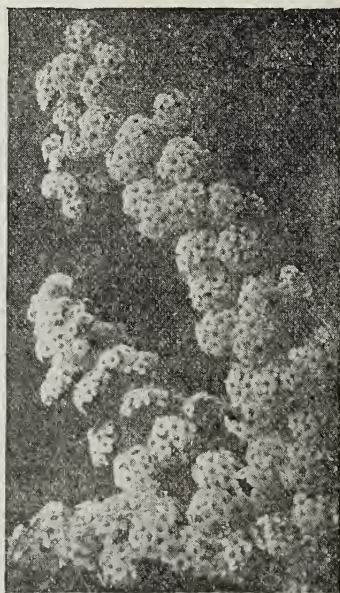
Aurea. (Golden Elder.) Contrasted with other shrubs, the golden yellow leaves of this European Elder give heightened effects in tone and color. Flowers white, in flat topped cymes. Grows naturally 10 to 15 feet, but can be pruned into a neat, compact little bush. 2 to 3 feet—50 cts.; \$4.00 per 10.
3 to 4 feet—60 cts. each; \$5.00 per 10.

Tenuifolium. A cut-leaved form of the red fruited Elder, similar in leaf-structure to *S. Acutiloba*, but of a stockier, more compact growth.
2 to 3 feet—50 cts. each; \$4.00 per 10.

Variegata. Tall, vigorous, black fruited; its conspicuous leaves quaintly mottled with white and yellow. 2 to 3 feet—50 cts. each; \$4.00 per 10.
Mail size, 20 cts. each.



Billardi



Arguta Multiflora



Lindleyana

SPIREA

All of the *Spireas* bloom with a riotous extravagance which makes them quite striking. Their individual style, color and habits of growth differ so markedly that a collection of varieties will ensure bloom the entire season and still evade the monotony of repetition.

All *Spireas*, except *Prunifolia*—Mail size, 20 cts.

DWARF FORMS—2 to 3 feet

Spirea Anthony Waterer. Dwarf, bushy, spreading type, of better habit than original *Bumalda*, and with larger corymbs brilliantly colored in rosy crimson. Very free flowering, at its best in late summer. This is practically the only good showy red flowered shrub sufficiently dwarf to be used in foundation plantings or the low front row of shrub groups.

15 to 18 in.—50 cts. each; \$4.00 per 10.

18 to 24 in.—60 " " 5.00 "



Spirea Anthony Waterer

Spirea Bumalda. A spreading, low bush with dark leaves brightened by corymbs of pretty light pink flowers in May, and at intervals all summer.

18 to 24 in.—50 cts. each; \$4.00 per 10.

—**Callosa Alba.** Large flat clusters of white flowers nearly all summer.

15 to 18 in.—50 cts. each; \$4.00 per 10.

18 to 24 in.—60 " " 5.00 "

TALLER SORTS—3 to 10 feet

SPIREA Arguta Multiflora. (Snow Garland.) A slender upright shrub, 3 to 5 feet high, with branches a snowy mass of clear white flowers in early May.

2 to 3 feet—60 cts. each; \$5.00 per 10.

—**Billardi.** A narrow, dense shrub, 6 feet high, with dense panicles of rich pink flowers from July on.

2 to 3 feet—50 cts. each; \$4.00 per 10.

3 to 4 feet—60 " " 5.00 "

—**Douglasi.** Upright in growth to 7 feet, with reddish brown branches and narrow, oblong leaves. Bears spikes of beautiful deep rose-colored flowers in July.

2 to 3 feet—50 cts. each; \$4.00 per 10.

3 to 4 feet—60 " " 5.00 "

—**Lindleyana.** A medium growing, summer flowering white variety, on the order of *S. Sorbifolia*.

3 to 4 feet—70 cts. each; \$6.00 per 10.

—**Opulifolia.** (Nine Bark.) Growth upright, attaining 8 to 10 feet, although the white heavy flower umbels in June make the branches droop; old flower heads turn to dark red, and make a striking variety of colors at differing stages of maturity.

2 to 3 feet—50 cts. each; \$4.00 per 10.

3 to 4 feet—60 " " 5.00 "

—**Aurea.** (Golden Spirea.) Of similar habit to above, with young foliage of bright yellow changing to golden bronze in the fall.

2 to 3 feet—50 cts. each; \$4.00 per 10.

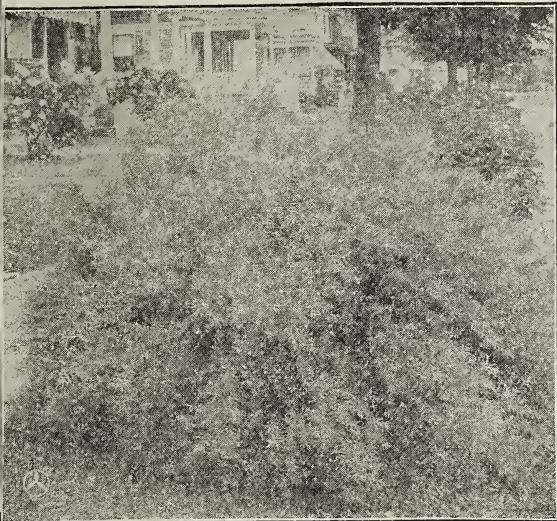
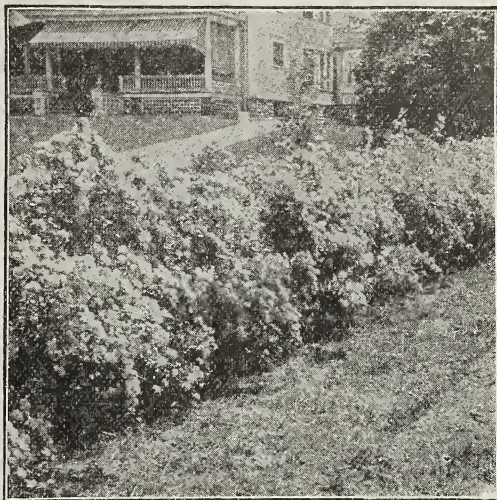
3 to 4 feet—60 " " 5.00 "

—**Prunifolia fl. pl.** (Bridal Wreath.) Plum leaved foliage. Bloom early, with small double white flowers.

2 to 3 feet—60 cts. each; \$5.00 per 10.

3 to 4 feet—75 " " 6.50 "

—**Reevesiana.** Tall and graceful, with dark bluish green lanceolate foliage; and large, pure white double flowers in May and June. 2 to 3 feet—50 cts. each; \$4.00 per 10.

**Spirea Thunbergi****Hedge of Spirea Van Houtte in Bloom**

Spirea Rosea Superba. Flat panicles of the Callosa type, bright rose; medium height.

1½ to 2 feet—40 cts. each; \$3.00 per 10.

2 to 3 feet—50 " " 4.00 "

—**Salicifolia.** (Willow Leaved Spirea.) Grows upright to 5 feet. A charming native variety revealing still another distinct foliage type, with crowded panicles of pink flowers in mid-summer.

2 to 3 feet—50 cts. each; \$4.00 per 10.

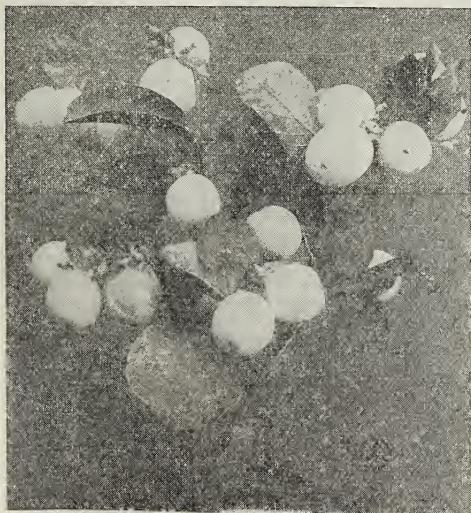
—**Sorbifolia.** (Ash-leaf Spirea.) One of the handsomest sorts from a foliage view point, and very desirable as a lawn specimen. Blooms in midsummer with fine panicles of purest white.

3 to 4 feet—75 cts.; \$6.00 per 10.

—**Thunbergi.** Forms a dense, fluffy bush, 3 to 5 feet high; the foliage, which is a peculiar but pleasing shade of yellowish green, changing in autumn to bright red and orange. Flowers pure white, borne in feathery masses in early spring.

18 to 24 in.—50 cts. each; \$4.00 per 10.

2 to 3 feet—60 " " 5.00 "

**Snowberries**

Spirea Van Houtte. The grandest of all the Spireas, and one of the very best of all shrubs; a complete fountain of pure white bloom in May and June.

2 to 3 feet—50 cts.; \$4.00 per 10; \$30.00 per 100.

3 to 4 feet—60 " 5.00 " 40.00

Mail size, 20 cts. each.

STEPHANANDRA FLEXUOSA. An attractive three foot shrub specially suitable for borders of other shrubs, and rocky banks. Branches angular, even zig-zagged, with handsome deep lobed foliage which colors to purplish red; and paniced racemes of white flowers in June.

2 to 3 feet—60 cts. each; \$5.00 per 10.

SYMPHORICARPUS. 3 to 5 feet. Highly valued for use in densely shaded situations and for the striking beauty of their bright persistent fruits.

—**Racemosus.** (Snowberry.) Inconspicuous, rose colored flowers in June and July; followed by large clustered, milk white fruits which remain far into winter. The combination of pink flowers and white berries on the same twig is charming.

2 to 3 feet—50 cts.; \$4.00 per 10; \$30.00 per 100.

3 to 4 feet—60 " 5.00 "

Mail size, 20 cts. each.

—**Vulgaris.** (Indian Currant.) Similar to the Snowberry except that its fruits are red, and that the smaller red berries cluster in thick ropes along the weighed-down stems. Mail size, 20 cts. each.

2 to 3 feet—50 cts.; \$4.00 per 10; \$30.00 per 100.

3 to 4 feet—60 " 5.00 " 40.00 "

TAMARIX. Tall growing shrubs, 8 to 12 feet high, with fine feathery foliage like that of the Juniper; small, usually pink flowers from April on. Splendid for seaside planting or other damp places.

—**Africana, Gallica, Indica and Purpurea.**

—**Odessana.** (Caspian Tamarix.) 4 to 6 feet. Exquisitely feathered foliage of silvery green, blooming in July and August with large loose panicles of lavender-pink flowers. Dwarfier growing, more bushy and spreading than the others.

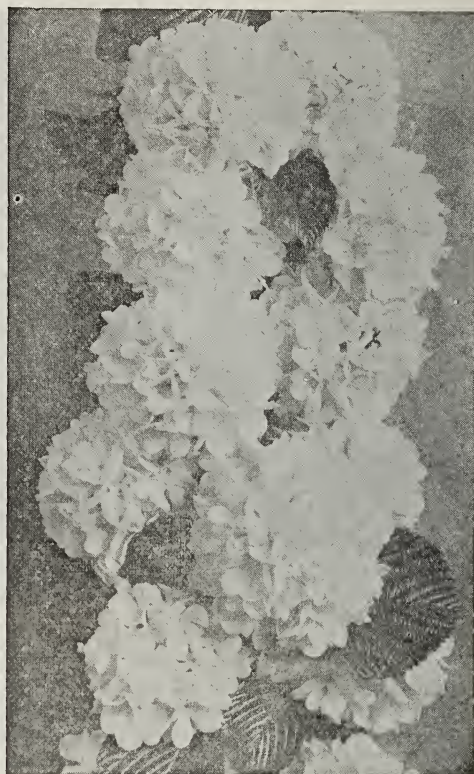
Above 2 to 3 feet—50 cts. each; \$4.00 per 10.

Tamarix Mail size, 20 cts. each.

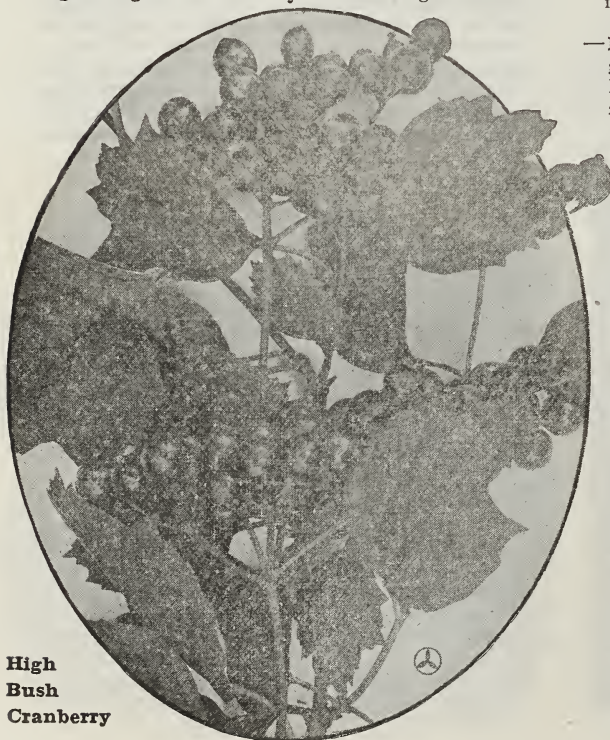
VACCINIUM CORYMBOSUM. (High-Bush Blueberry.) An ornamental tall bush with yellowish branchlets and early white flowers. The blue black fruits are numerous and of excellent flavor. Prefers a moist location. 2 to 3 feet—85 cts.



VIBURNUM. A showy group of shrubs ranging from 5 to 12 feet in height, blooming lavishly in Spring, and vividly brightening the Autumn aspect with gleaming fruits and richly colored foliage.



Japan Snowball



**High
Bush
Cranberry**

- Acerifolium.** (Maple Leaved Viburnum.) Slender branches, maple-like leaves, creamy white flowers in late spring, and black berries. Grows three to five feet high. 1½ to 2 feet—60 cts. each; \$5.00 per 10.
2 to 3 feet—75 " " 6.50 "
- Dentatum.** (Arrow-wood.) 8 to 12 feet. Bright green, heart-shaped leaves turning to purple and red. May and June flowers of creamy white.
2 to 3 feet—60 cts. each; \$5.00 per 10.
- Lantana.** (Wayfaring Tree.) 10 to 15 feet. Beautiful wrinkled, Lantana-like leaves; white flowers in May and June. Fruits color unequally from crimson to black causing a most charming combination of colors, throughout the summer.
2 to 3 feet—60 cts. each; \$5.00 per 10.
3 to 4 feet—75 " " 6.50 "
- Lentago.** (Sheepberry.) Grows to be a small tree 30 feet high. Flowers white in pretty cymes during May and June; fruit large, oval, blue-black. 2 to 3 feet—60 cts. each; \$5.00 per 10.
3 to 4 feet—75 " " 6.50 "
- Opulus.** (High Bush Cranberry.) 8 to 10 feet. Handsome, dense, brilliant green foliage; a rich setting for large bunches of crimson berries which enliven the late summer and persist on bare branches into the winter. Mail size, 20 cts. each. 18 to 24 in.—40 cts. each; \$3.00 per 10.
2 to 3 feet—50 " " 4.00 "
3 to 4 feet—60 " " 5.00 "
- Sterilis.** The common "Snowball" which helps out so bravely for Decoration Day. Mail size, 20 cts. 2 to 3 feet—50 cts. each; \$4.00 per 10.
3 to 4 feet—60 " " 5.00 "
- Plicatum.** (Japan Snowball.) Erect, compact, growing 6 to 8 feet. Purple tinted foliage, a solid mass of white in June.
2 to 3 feet—75 cts. each; \$6.00 per 10.
3 to 4 feet—85 " " 7.50 "

Weigela. This splendid family of shrubs is one of the most useful, and is rarely omitted from any mixed group which will accommodate the height. Most varieties grow quickly to an ultimate height of about 6 to 8 feet, usually with long arching branches and plenty of good green foliage. During May, June and July, they bear a great profusion of bell-shaped flowers which closely hug the stems, in colors ranging from pure white to deepest crimson.



A Weigela Bush in Bloom

- Abel Carriere.** Of all the Hybrid Weigelas, this is one of the finest, growing to be a tall shrub in time. It blooms during May and June with great quantities of rose carmine flowers with yellow spot in the throat.
2 to 3 feet—50 cts. each; \$4.00 per 10.
3 to 4 feet—60 “ “ 5.00 “
- Candida.** 4 to 6 feet; a choice variety blooming in great profusion during June and to some extent all summer. Pure white.
2 to 3 feet—60 cts. each; \$5.00 per 10.
3 to 4 feet—70 “ “ 6.00 “
- Chameleon.** Very useful at Memorial Day, with its long sprays of beautiful rose colored bells.
2 to 3 feet—50 cts. each; \$4.00 per 10.
- Eva Rathke.** The most distinct and one of the most attractive varieties; flowers deep carmine red.
2 to 3 feet—75 cts. each; \$6.50 per 10.
Mail size, 35 cts. each.
- Floribunda.** A June blooming variety of tall growth; bright with small but numerous flowers, cinnabar red in the bud and crimson when opened.
2 to 3 feet—60 cts. each; \$5.00 per 10.
3 to 4 feet—70 “ “ 6.00 “
- Rosea.** This is one of the most popular of all the Weigelas; a tall growing, vigorous sort with deep pink flowers in the greatest abundance during June, and more sparsely at intervals throughout the summer.
2 to 3 feet—50 cts. each; \$4.00 per 10.
3 to 4 feet—60 “ “ 5.00 “

—**Rosea Nana Variegata.** Dwarf leaves, broadly margined creamy white; flowers pink. This variety is one of the most useful variegated leaved shrubs; and when the doubled beauty of bloom and foliage occurs, it is almost without a peer.

18 to 24 in.—50 cts. each; \$4.00 per 10.
2 to 3 feet—60 “ “ 5.00 “

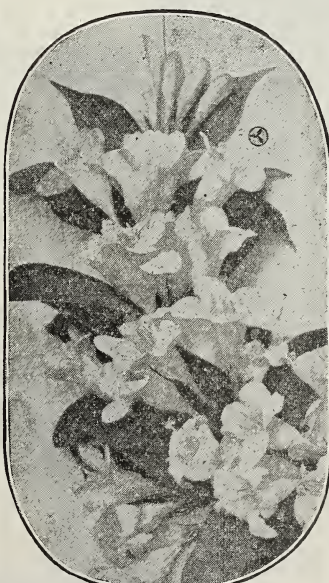
—**Van Houtte.** Flowers broad and flat, deep rosy red with orange markings in the throat.
2 to 3 feet—50 cts. each; \$4.00 per 10.

VITEX AGNUS-CASTUS. (Chaste Tree.) A very showy large shrub, with compound leaves composed of five to seven leaflets, dark green above and downy gray-green beneath. The flowers are borne profusely during late summer, in long, dense, terminal racemes; lilac and violet-purple.

2 to 3 feet—75 cts. each; \$6.50 per 10.



Weigela Rosea



Weigela Candida



Rosea Nana Variegata



HARDY ORNAMENTAL CLIMBING VINES

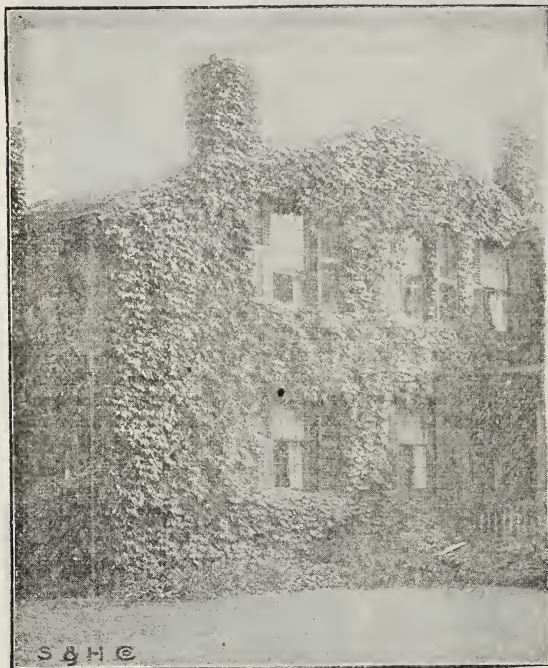


Except noted, all two year Vines, 45 cts. each;
\$3.50 per 10. Mail size, 20 cts. each.

Akebia Quinata. A perfectly hardy, fast growing Japan vine, with magnificent foliage, producing flowers in large clusters, of chocolate purple color, possessing a most delicious perfume; unsurpassed for covering trellises and verandas, the foliage never being attacked by insects.

AMPELOPSIS Quinquefolia. (American Ivy Woodbine, Virginia Creeper, etc.) Deeply cut leaves which turn to a beautiful crimson in fall; fine for covering trees, rocky slopes, walls, etc. 2 year, 35 cts. each; \$3.00 per 10.

— **Englemanni.** Similar to above, but with smaller denser foliage.



"Boston Ivy"

Ampelopsis Veitchi. (Boston Ivy.) This is one of the finest hardy climbers we have for covering walls, as it clings firmly to the smoothest surface, covering closely with overlapping foliage, giving the appearance of shingles. The color is a fresh deep green in summer, changing to the brightest shades of crimson and yellow in autumn.
2 year, 60 cts. each; \$5.00 per 10.
Mail size, 25 cts. each; \$2.00 per 10.

Bignonia Radicans. (Trumpet Flower.) A robust woody vine; twining tightly with numerous roots along its stems. Its orange scarlet, trumpet shaped flowers cluster at the tip of the branches. Leaves light green. Will climb to great heights on trunks of trees, and for every purpose is one of the most ornamental, both as to foliage and flowers, among vines.



Clematis Paniculata

CLEMATIS. Grand for pillars and trellises, pegged down for bedding and for running over rockwork, old trees and stumps. They delight in rich soil, and sun.

Large Flowered Varieties

Mad. Ed. Andre. Crimson-red.

Henryi. Creamy white.

Jackmani. Velvety, violet-purple.

Ramona. Deep sky-blue.

2 year—75 cts. each; \$6.50 per 10. By mail, 70 cts.

Small Flowered Varieties

Coccinea. A very handsome hardy climber, bearing small thick, bell-shaped flowers of bright coral-red, in wonderful profusion from June until frost.

Mail size, 50 cts. each; \$4.00 per 10.

Paniculata. (Sweet-scented Japan Clematis.) The flowers are of medium size, fragrant, pure white, borne in immense sheets in September, when very few other vines are in bloom.

2 year—50 cts. each; \$4.00 per 10.

Strong 3 year—70 cts. each; \$6.00 per 10.

Mail size, 20 cts. each; \$1.50 per 10.





CLIMBING ROSES

Vines are primarily expected to provide leaf covering for bare walls and other surfaces, but at certain seasons their function is splendidly increased by masses of bloom. Although separately classed and handled, the many beautiful types of **HARDY CLIMBING ROSES** are acquiring prominence as an auxiliary to other vines; their clustered flowers bridging the gaps of early summer, with an extravagance of brilliant colors. Consult our extensive lists on page 104.

CELASTRUS—Scandens. (Bittersweet.) Handsome glossy foliage and large clusters of beautiful, orange crimson fruits retained all winter. Its graceful sprays of berries make charming winter house decorations.

—**Articulata.** (Japanese Bittersweet.) Very vigorous, woody climber with broad, almost circular leaves. Showy panicles of small flowers and brilliant clusters of orange-red fruits. 2 year—60 cts. each.

EVONYMUS Radicans. One of the finest evergreen vines, with small, rich green foliage, and pink fruits in cells which separate and expose the scarlet arils. For covering rocky banks, rough walls, tree-trunks, etc., also for vases, baskets and borders of beds. Mail size, 20 cts. 12 to 15 inch (bushy) 45 cts. each; \$3.50 per 10.

—**Variegata.** Foliage edged with creamy white, which takes on a pinkish tinge in winter. 10 to 12 in.—50 cts.; \$4.00 per 10. Mail size, 20 cts.

—**Vegetus.** Essentially a low-wall cover. For this purpose it is unsurpassed; being close-covering, absolutely hardy, glossily evergreen, and bright throughout most of winter with its persisting orange-red berries. 1 year, 40 cts.; 2 years, 50 cts.

—**Carrierei.** A low, climbing shrub with spreading branches, with short shiny leaves larger and more pointed than *Radicans*. 18 to 24 in.—60 cts. each; \$5.00 per 10.

Kudzu Vine. Large foliage and dense shade, growing 50 feet in one season. Flowers plentiful in August; rosy-purple, pea-shaped—in small racemes.

LONICERA. (Honeysuckle.) Their vining qualities are all that can be desired, but the delightful fragrance of their flowers makes their strongest bid for favor. The Honeysuckle perfume is remembered and loved throughout the world.

—**Aurea Reticulata.** (Golden-leaved Honeysuckle.) Flowers yellow and fragrant. 40 cts. each; \$3.00 per 10. Mail size, 20 cts.

—**Belgica.** (Monthly Fragrant.) One of the prettiest, with numerous sprays of red and yellow.

—**Halleana.** Color, an intermingling of white and yellow; extremely fragrant and most satisfactory. 40 cts. each; \$3.00 per 10. Mail size, 20 cts.

—**Japonica.** (Chinese Twining.) Flowers nearly white, distinct. 40 cts. each; \$3.00 per 10. Mail size, 20 cts.

—**Sempervirens.** (Scarlet Trumpet Honeysuckle.) Trumpet-shaped flowers of bright scarlet.

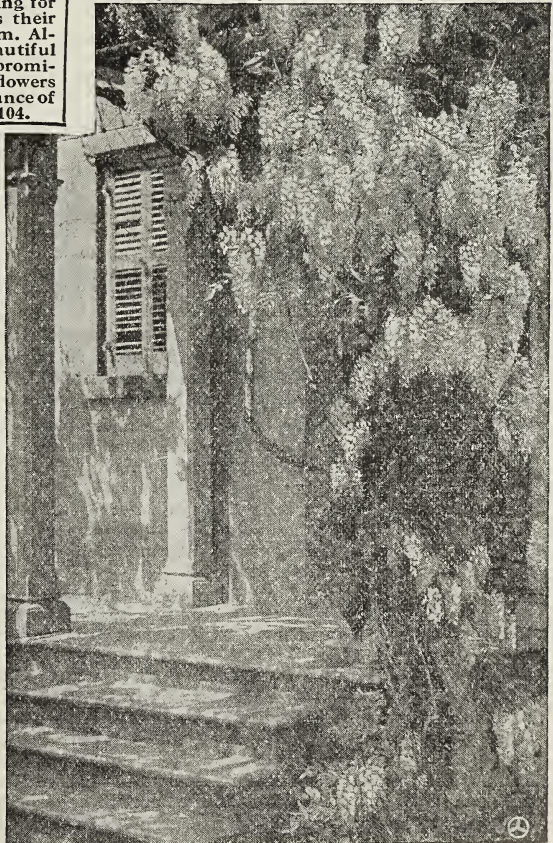
Lycium Chinense. (Chinese Matrimony Vine.) A general utility hardy climbing vine that will overcome any obstacle to growth and flourish everywhere. Every new shoot produces handsome purple flowers and later a prodigious crop of scarlet berries nearly an inch long.

WISTARIA. One of the handsomest subjects for use on pergolas, porches and trellises; with attractive foliage and magnificent dense, drooping clusters of pea-shaped flowers, crowning the top.

—**Sinensis.** Blue. Panicles about 12 inches long. 2-year, 60 cts.; \$5.00 per 10. 1-year, Mail size, 40 cts.

—**Alba.** White. 2-year, 60 cts.; \$5.00 per 10. 1-year, Mail size, 40 cts.

—**Magnifica.** Lavender-purple. 2-year, 50 cts.; \$4.00 per 10. 1-year, Mail size, 25 cts.



Chinese Wistaria

FRUIT TREE DEPARTMENT



Listed prices shall in no case apply on trees personally selected by customer.

Stock. We do not specialize on any one line of fruit trees, but aim to grow and offer as complete an assortment in practical, profitable, tried-and-true varieties of all kinds of fruit trees and small fruits, as can be found anywhere in the country. We devote several hundred acres to their propagation, and count them in millions.

Filling Orders. We are in position to fill orders for stock in this department as soon as this catalogue reaches you. If your order is accompanied by at least 25 per cent of full amount, we will at once assemble the fruit or other trees then in storage, and "set aside" under your name until the date set or weather conditions permit, for shipping. Naturally, stock not "in cellar" must await suitable digging weather.

SUBSTITUTION. We reserve the right, in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with correct name)—unless the party ordering says "No Substituting;" in which case we will fill order as completely as we can and refund balance of remittance.

Shipments. We have the largest frost-proof storage cellars in the business, which every winter harbor an immense amount of perfectly kept stock. We can load under their cover and on our private switch, car-load shipments at any time without danger of injury to stock. But less-car-load shipments must naturally wait the breaking up of severe winter. No nursery provides better materials or greater care in packing than ours. Just as early as we can safely let them go, early delivery orders are rushed out; and we work hundreds of men day and night to avoid unnecessary delay for our customers. In choosing between Express and Mail, take into consideration that we can send stronger stock, more securely packed and delivered in better condition by Express. How ever you want it sent, always give full and explicit shipping directions.

BY MAIL. Stock offered "Mail Size" will be delivered prepaid to your post-office. All one year old trees, vines, etc., well rooted, cut back to suitable size, guaranteed to reach you in good condition. With proper treatment are almost certain to live and do well. Those wishing to plant small lots, make small investments, to save freight or express charge, on long distance shipments, to plant young thrifty stock and train according to their own requirements, will find this size admirably suited to their needs.

Terms. Net cash with order. No discounts allowed. In the various classes, we will furnish 5 or more of one variety and size at 10 rates; 25 or more (not less than 5 of one variety and size) at 100 rates. REMEMBER THAT WE EMPLOY NO AGENTS, and are responsible only for orders sent to us through the mail or delivered in person.

DESCRIPTIVE CATALOGUE No. 1. A complete edition of one of the most comprehensive nursery catalogues published, profusely illustrated with half tone cuts made from photographs of desirable specimens, containing 112 pages, giving full description of Fruit and Ornamental Trees, Small Fruits, Grapevines, Shrubs, Roses, etc., directions for planting, etc., will be mailed on receipt of 10 cents.

Non-Warranty. While we hold ourselves in readiness, on proper proof, to replace free of charge all trees, etc., that may prove untrue to label, or refund the amount paid, we give no warranty expressed or implied as to description, quality, productiveness or any other matter of any Nursery stock, seeds, bulbs or plants we sell.

Our Guarantee. All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified. Accept shipment, examine and count on receipt

and notify us at once should there be any errors and the carrier as well, if any damaged stock. This guarantee not good unless above requirements are complied with. We do not guarantee growth. Remember a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes, drinks and feeds and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition.

GRADE. Please understand that "grade" and "class" refer to size. It would be very expensive and almost impossible to sort fruit trees to an exact height; they are therefore given a flexible grade, such as 3 to 4 feet, etc. When we list medium grade Apples as 4 to 5 feet, we are allowed one foot for variation. If you should order the maximum of five feet, the grade would change to first class, which is 5 to 7 feet, at a higher rate.

CERTIFICATE OF INSPECTION, issued annually by the Ohio Dept. of Agriculture, showing freedom of our stock from San Jose Scale and other injurious insects and disease, will be attached to every shipment.

BY FREIGHT OR EXPRESS. Every article not specially priced "Mail size" is priced for delivery by Freight or Express, packed free, but customer to pay transportation charges. All heavy trees in large amounts should be sent by freight if time is not too urgent, as the carrying charge is much less; and our perfect packing admits a long journey without injury to the trees. For shipments of medium weight, would suggest express delivery; thus avoiding by quick delivery, the suspense attending the slower freight.

QUOTATIONS. We will be pleased to quote prices to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list, state definitely the number of each variety and size wanted.

SPRAYING. The best time to spray, and the best formulas to use, vary so much in different localities that we do not try to give tables and formulas in this catalogue. Bulletins can be obtained of your State Agricultural Experiment Station, that will give full information.

(Signed) THE STORRS & HARRISON CO.



THE STORRS & HARRISON CO., Painesville, Ohio.



An S. & H. Co. Block of young Fruit Trees. The beginning of the Rainbow; its other end (and the pot of gold) may come down on YOUR farm.

THE ORCHARD

As a practical adjunct to the family pocket book, there is no more useful farm element than a well planned, reasonably cared for orchard. After attaining bearing age, the Orchard pays bigger returns than any agricultural or garden products could yield on the same acreage. This statement is borne out by statistics.

There are few farms so small that sufficient space cannot be spared for investment in fruit trees.

During the growing and maturing process, very little of the ground is lost to profitable use; the greatest part of it being available for garden crops without prejudice to the growing trees, or detriment to the crop itself.

Even on small suburban lots, where the smoke and gases of manufacture are not too prevalent, little ingenuity is required to provide space for an assortment of fruit trees which will prove an economic resource of surprising value and a guarantee of ever-increasing personal enjoyment. To stroll out into your garden and pluck, fresh from your own fragrant trees, the ripest, the most tempting, the most luscious of the various fruits in their season, this alone is sufficient recompense to average human nature, for the trifling preliminary cost.

Many of the delightful experiences with Nature are but transitory; but the Orchard endures, and may be passed on with its fruitful blessings, to posterity.

Suitable Distances for Planting

Apples, Standard.....	30 to 40 feet
“ Dwarf.....	8 to 10 “
Pears, Standard.....	18 to 20 “
“ Dwarf.....	10 “
Peaches.....	16 to 18 “
Nectarines and Apricots.....	16 to 18 “
Cherries, Sweet.....	18 to 20 “
“ Sour.....	15 to 18 “
Plums.....	16 to 20 “
Quinces.....	10 to 12 “
Grapes.....	8 to 10 “
Currants.....	3 to 4 “
Gooseberries.....	3 to 4 “
Raspberries, Red.....	3 to 4 “
“ Black.....	4 to 5 “
Blackberries.....	5 to 7 “
Strawberries, in rows.....	1 by 3½ “
“ in beds.....	1½ by 1½ “
Asparagus, in beds.....	1 by 1½ “
“ in field.....	1 by 3 “

Number of Trees or Plants to an Acre

2 feet each way.....	10,890
3 “ “ “.....	4,840
4 “ “ “.....	2,723
5 “ “ “.....	1,742
6 “ “ “.....	1,210
8 “ “ “.....	680
10 “ “ “.....	430
12 “ “ “.....	302
15 “ “ “.....	194
18 “ “ “.....	135
20 “ “ “.....	110
25 “ “ “.....	70
30 “ “ “.....	48
33 “ “ “.....	40
40 “ “ “.....	28

To ascertain the number of plants required to the acre at any given distance, divide the number of square feet (43,560) in an acre by the number of square feet you desire to devote to each plant. For instance, in strawberries planted 1½ by 3 feet, each hill will occupy 4½ square feet, making 9,680 plants to the acre.



Prospective customers will please note that: Owing to cessation of importations account of Federal Quarantine No. 37, and scarcity of experienced labor, nursery propagation and development of Fruit Trees has been greatly reduced. Stock of most varieties is available only in very small quantities. The earliest cash orders get the goods in rotation, as long as supply lasts.



APPLES

SUMMER APPLES

THERE is a constantly increasing demand for high-quality fruit of all kinds, and in no class of fruit is this demand more noticeable than in Apples. With the proper selection of varieties and intelligent cultivation, there is no reason why the orchardist who makes a specialty of Apples should not have a business yielding him larger returns for the money and labor invested than almost any other horticultural industry. Where Apples are grown solely for home use, a wide range of varieties may be selected; and the extensive list of distinct kinds offered in our catalog afford the choicest varieties in all desirable types; and covering the entire range of ripening seasons.

Apple trees should be set 30 to 40 feet apart. Those varieties following, preceded by a star (*) are the Russian and harder kinds. A cross (X) following description indicates we offer no mail size.

PRICE OF APPLES.

	Each	Per 10	Per 100
Standard Sorts —5 to 7 feet..	\$.85	\$7.50	\$70.00
4 to 5 feet..	.75	6.50	60.00
3 to 4 feet..	.65	5.50	50.00

Special—Baxter, Belleflower, Delicious, Duchesse, Fameuse, Grimes Golden, Jonathan, McIntosh, Northern Spy, Ontario, Opalescent, Rome Beauty, Spitzenburg, Staymans Winesap, Wealthy and Yellow Transparent.

5 to 7 feet.....	1.00	9.00	80.00
4 to 5 feet.....	.85	7.50	70.00
3 to 4 feet.....	.75	6.50	60.00

Crab Apples —5 to 7 feet	1.00	9.00	.....
4 to 5 feet ....	.90	8.00	.....

**Above by mail, in mail size, 65 cts. each;
3 for \$1.75.**

Dwarf Apples { First size ...	.85	7.50	70.00
(X) { Medium size ..	.75	6.50	60.00
Except Delicious —First size..	1.00	9.00	.....

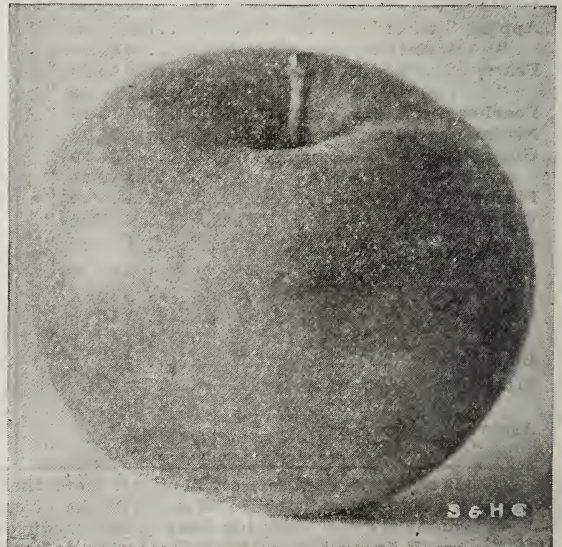
Bough. Large, pale yellow; tender, **sweet.**

Early Harvest. Medium, pale yellow, tender, juicy.

Golden Sweet. Large, pale yellow, very **sweet.**

***Red Astrachan.** Large, beautiful deep crimson. The favorite, delightful, earliest eating apple.

***Yellow Transparent.** Earliest and best; white, tender, juicy, sprightly, sub-acid. Grows rapidly, bears young, and makes a profitable "filler."



Early Harvest

AUTUMN APPLES

Autumn Strawberry. Tender, juicy, productive.

***Béttigheimer.** Very large, yellow, heavily shaded red; flesh white, juicy.

***Duchesse of Oldenburg.** Good size, yellow, streaked red, juicy, rich, sub-acid, productive.

Fall Pippin. Large, yellow, rich, aromatic.

Gravenstein. Large, striped, fine quality, one of the best fall sorts.

Maiden Blush. Large, beautiful, blush cheek.

Munson Sweet. Good size, yellow, red cheek.

Rambo. Medium, yellow, streaked red.

Western Beauty. Large, shaded bright red on pale yellow; crisp, tender, mild, sub-acid.

WINTER APPLES

Arkansas Black. Large, deep red. (X)

Baldwin. Large, bright red, crisp, juicy, rich.

***Banana.** Fine, vigorous grower, large healthy foliage, early bearer. Fruit medium to large, smooth and handsome, golden yellow usually shaded bright crimson; flesh fine grained, rich, sub-acid, aromatic, highest quality. One of the best dessert apples.

***Baxter.** A strong, vigorous grower, immensely productive, very hardy. Fruit uniformly large, handsome, showy red, mild acid, fine quality.

Ben Davis. Large, handsome, striped. (X)

***Boiken.** Annual bearer, perfect foliage, vigorous grower. Fair size, yellow, tart acid, long keeper; at its best in spring when it is unexcelled for cooking.

Boskoop. Large yellow, shaded red, crisp, tender; juicy. (X)

Delicious. A remarkable variety rapidly taking first rank both for commercial and home orchards. Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp and melting, juicy, with a delightful aroma; of very highest quality. A splendid shipper. Tree one of the hardiest, a vigorous grower, with good foliage. A regular annual bearer.

Dominie. (Winter Rambo.) Large, greenish yellow, striped red; flesh white, tender and juicy. (X)

Fallwater. Large, yellowish green, productive.

***Fameuse.** (Snow.) Medium, deep crimson, flesh white, of best quality.

***Gano.** An improved Ben Davis, nearly covered with deep, dark red.

***Gideon.** Vigorous, early and prolific bearer. Medium golden yellow; fine, juicy, sub-acid.

Golden Russet. Medium, dull russet, crisp, juicy.

***Greenville.** Seedling of Maiden Blush, which it resembles, but is a winter variety. (X)

***Grimes.** Good size, yellow, of highest quality.

Hubbardston. Large, red, striped, tender, juicy.

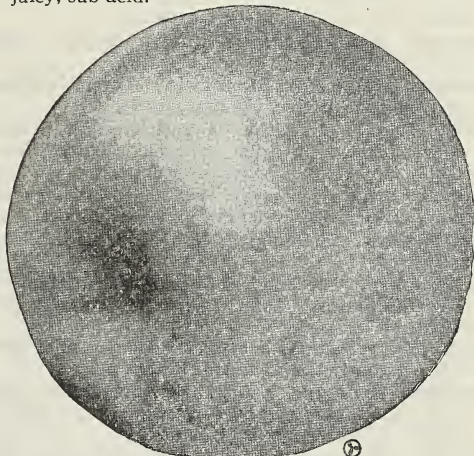


King of Tompkins County

King (of Tompkins County.) Unusually large, red and striped, exceedingly productive.

Jonathan. Medium red, extra quality.

***McIntosh.** Medium, deep crimson, highest quality, juicy, sub-acid.



Grimes Golden

Northern Spy. Large, striped, mild sub-acid and tender, with a rich, delicious flavor.

***Northwestern.** (Greening.) Hardy, yellow; rich, of good size, extra long keeper.

***Ontario.** Large, yellow, nearly covered with bright red, juicy, sub-acid.





Rome Beauty

WINTER APPLES (Continued)

Opalescent. Probably the handsomest apple ever put on the market. Color light, shading to very dark crimson; skin smooth, susceptible of a very high polish reflecting objects like a mirror; flesh yellowish, tender, juicy and good. Dec. to March.

Paradise Winter Sweet. Large; creamy, rosy cheeked. (X)

Paragon. (Mammoth Black Twig.) Large, dark red, hardy and productive, vigorous grower.

Rhode Island Greening. Large, greenish yellow, tender, juicy, rich, acid. The old reliable winter cooking apple, and also good for dessert.

Rome Beauty. Large, yellow, shaded red; tender, juicy, sub-acid. A leader in Ohio River district.

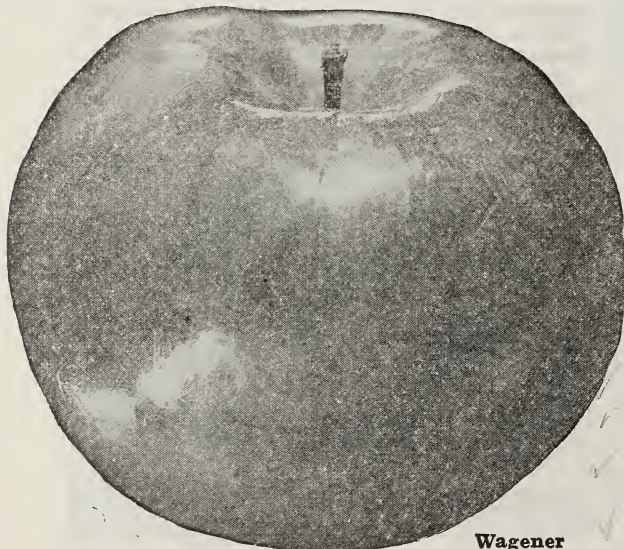
Rox Russett. Medium, good quality, an excellent keeper. (X)

Spitzenburg. The standard of excellence for apple of the Baldwin class. Large, rich, yellow covered with bright red. (X)

Stark. Large, striped light and red, juicy, mild, sub-acid. An early and abundant bearer.

Stayman Winesap. Larger and more prolific than Winesap. One of the finest grown for appearance, flavor and juiciness; a favorite for cider.

Sutton. Handsome, yellow, striped crimson, flesh tender, juicy, sub-acid, good quality, keeps well. (X)



Wagener

Tolman. Medium, yellow and red, rich, Sweet. The most valuable apple for baking, and otherwise fine.

Wagener. Good size, deep red in the sun; flesh firm, sub-acid, excellent. One of the earliest bearers and an all-round good apple.

***Wealthy.** Medium size, smooth, round, deep red; handsome and of fine quality. Oct. to Jan.

Winesap. Medium, deep red; firm, crisp, rich, sub-acid. Widely cultivated. (X)

***Wolf River.** Large, handsome; yellow, shaded and striped red, juicy, pleasant spicy flavor. (X)

York Imperial. (Johnson's Fine Winter.) Medium to large; yellow, shaded red; firm, juicy, sub-acid. An excellent shipping apple.

Yellow Bellflower. Large, pale yellow, tender, fine grained, crisp, juicy, sub-acid. (X)

DWARF APPLES (X)



Set trees 8 to 10 feet apart. Very productive, usually commence bearing the second year after planting. Excellently adapted to yard and small gardens. Can furnish: Baldwin, Banana, Delicious, Duchesse, Grimes, King, Maiden Blush, No. Spy, Rambo, Red Astrachan, Wealthy and Yellow Transparent—only.

	Each	Per 10	Per 100
First size.....	\$.85	\$7.50	\$70.00
Medium size.....	.75	6.50	60.00
Except Delicious—			
First size.....	1.00	9.00	.....

Too heavy to mail,—must be sent by Express or Freight.

CRAB APPLES

For preserving, jellies and ornament. All are unequalled for cider or vinegar. The trees are noted for their hardiness and vigor and usually bear the second season after planting.

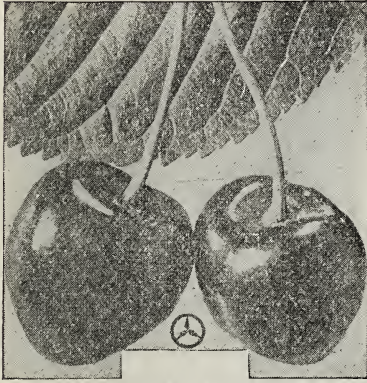
Hyslop. Large; deep crimson; one of the most beautiful; very popular. Oct. to Jan.

Martha. Beautiful, glossy yellow, shaded bright red, good size, mild, clear, tart. Oct.

Whitney. One of the largest, glossy green, splashed carmine, firm, juicy, pleasant, great bearer; excellent for cider. August.

Yellow Siberian. Large, beautiful, golden yellow. Sept. and Oct. (X)

CHERRIES



Windsor



Dyehouse

A good Cherry Orchard is one of the most profitable ventures a farmer can undertake. With but little care, the trees are very thrifty and prolific, bearing large crops annually. The fruit is easily picked and it is always in great demand in its season, bringing prices amply sufficient to repay the investment and with fancy profits. There is no fruit which makes more delicious preserves, and housewives appreciate the value of a good supply of canned Cherries for winter pies, puddings and other desserts. The tart Dukes and Morellos, or sour varieties, are used mainly for these purposes; the sweet Hearts and Bigarreus for use as sauce. The trees are

naturally hardy, succeeding best on sandy or gravelly loam, well drained. Avoid low or wet ground. Sweet varieties grow more rapidly and make larger pyramidal trees. Set trees 18 to 20 feet apart. The Sour varieties are dwarf and bushy, bear earlier, and are more largely planted. Set trees 15 to 18 feet apart.

PRICE OF CHERRIES.

	Each	Per 10
Sweet, 5 to 7 feet.....	\$1.10	\$10.00
" 4 to 5 feet.....	1.00	9.00
Sour, 4 to 5 feet.....	1.10	10.00
" 3 to 4 feet.....	1.00	9.00

Mail size, 75 cts. each; 3 for \$2.00.

SWEET CHERRIES

Bing. Very large, dark brown—almost black; flesh firm, sweet, rich and delicious. One of the most profitable sorts. July.

Black Tartarian. Very large, black, juicy. Last of June.

Gov. Wood. Large, light red, juicy, rich, delicious. Tree healthy and productive. June.

Lambert. Jet black when fully ripe. Flesh firm, solid, rich and juicy, with sprightly flavor. Tree rugged, strong grower, hardy, enormous bearer. Late July.

Napoleon. Large, pale yellow or red; firm, juicy, sweet and productive. July.

Rockport. Large, pale amber, light red in sun, sweet, good. Tree erect; beautiful. June.

Schmidt. Immense size, deep black, flesh dark, tender, very juicy, fine flavor; productive. July.

Windsor. Fruit large, liver-colored, distinct, flesh remarkably firm and of fine quality. Tree hardy and prolific. A valuable late variety. July.

Yellow Spanish. Large, yellow and red. June.

SOUR CHERRIES

Baldwin. Large, round, slightly sub-acid, sweetest and richest of the Morello type. June.

Dyehouse. A sure bearer, largely planted for early market; ripening a week before Early Richmond, which it closely resembles. June.

Early Richmond. Medium, dark red, melting, juicy, sprightly, rich acid, best. June.

English Morello. Fair size, blackish red, rich acid, juicy, good. August.

Hortense. (Reine Hortense.) Large, bright red, juicy; mildest and sweetest in this class. July.

Large Montmorency. Large, red, productive, ten days later than Early Richmond. Late June.

Late Duke. Large, light red, delicious fruits. Tree strong and upright, exceedingly productive. July.

May Duke. Large, red, juicy, rich. June. Not so sour as some varieties, and very pleasant for sensitive teeth.

Montmorency Ordinaire. Large, red, acid, exceedingly productive. Late June.

Ostheimer. A perfectly hardy, late blooming, immensely productive variety. Large, heart-shaped, nearly black when ripe; juicy and rich. Aug.

Wragg. Very hardy, vigorous and productive, medium, dark purple, fine quality. Aug.

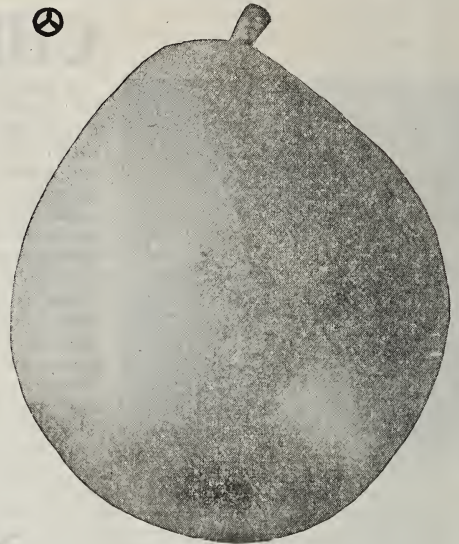


May Duke



Napoleon

PEARS



Anjou

THE pear tree will grow on almost any good soil, but thrives best in a rather heavy clay or loam. Standards planted 18 to 20 feet apart, are best for permanent orchards; dwarfs at 10 feet intervals, for fruit gardens or small lots. Dwarfs must be planted deep enough to cover the junction of pear and quince 2 or 3 inches. Our pear trees are grown on heavy clay soil, especially well adapted to the production of strong, vigorous stock. No better trees can be grown.

Two very important points in Pear culture are often neglected: the proper thinning and the gathering of the fruit. When the trees are heavily laden, the fruit should be thinned when about one-third grown, or it will be poor and the trees injured. Summer Pears should be gathered about ten days before they are ripe; Autumn Pears at least a fortnight; Winter varieties, if they will hang so long, may be left until the leaves begin to fall. If, on gently lifting the fruit, the stem separates readily from the twig, it is ripe for gathering. Winter Pears may be stored in any dry cellar and kept until early summer; other varieties may be ripened on shelves in any cool, airy place.

All can be supplied as **standards**, and all varieties starred (*) can also be supplied as **dwarf**.

PRICE OF PEARS.

	Each	Per 10	Per 100
Standard—			
General List, 5 to 7 feet....	\$.85	\$7.50	\$70.00
4 to 5 feet....	.75	6.50	60.00
Beurre Bosc and Worden—			
5 to 7 feet....	1.00	9.00	.....
4 to 5 feet....	.90	8.00	.....
Dwarf Pears, 4 to 5 feet....			
3 to 4 feet....	.75	6.50	.....
3 to 4 feet....	.65	5.50	.....

Mail size, Standard and Dwarf, unless noted, 65 cts. each; 3 for \$1.75.

SUMMER PEARS

***Bartlett.** Large, buttery, juicy, high-flavored, great bearer. This sort has long been considered one of the choicest canning varieties, as well as a favorite for all other uses. Aug. and Sept.

***Clapp.** Very large, yellow and dull red, with russet specks, melting, rich. August.

Doyenne d'Ete. A beautiful small pear, of delicious flavor, hardy and productive, Early Aug.

Early Harvest. Good size and color, fair quality. The best early variety in the south. July.

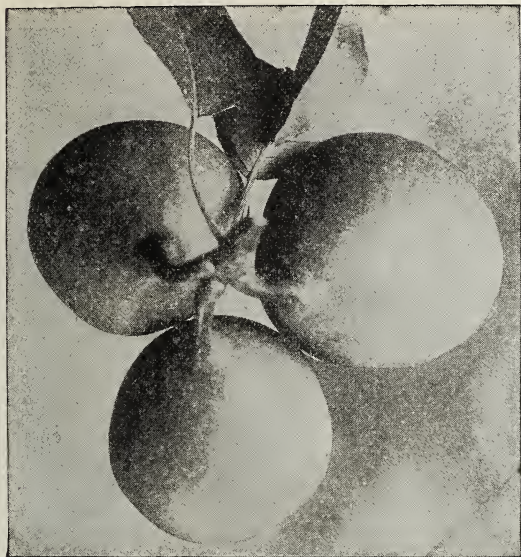
***Koonce.** Medium, yellow with carmine cheek. A profitable early market variety. July.

***Tyson.** Medium, melting, juicy, good. Aug.

***Wilder.** Small to medium, yellow, shaded carmine, fine grained, tender, sub-acid. Vigorous grower, early and annual bearer, very productive, good quality. Early Aug.

ROSSNEY PEAR





Seckel

AUTUMN PEARS

***Anjou.** Large, buttery, melting, rich, vinous. The best late fall and early winter variety. Oct. to Jan.

***Clairgeau.** Its large size, early bearing, productiveness and great beauty make this one of the most valuable market sorts. Oct. and Nov.

***Columbia.** A cross between Bartlett and Seckel, combining the best qualities of each. Tree vigorous, hardy and productive. Fruit good sized, rich quality, high color, handsome and good. Sept. and Oct.

***Duchesse** (of Angouleme). Very large, buttery, rich, juicy, excellent. It succeeds to perfection and is the most popular market variety as a dwarf. Oct. and Nov.

***Flemish.** Large, juicy, rich; one of the hardiest and most popular. Sept. and Oct.

***Garber.** One of the Japan Hybrids; earlier and larger than Kieffer; hardy, productive, early bearer. Sept. and Oct.

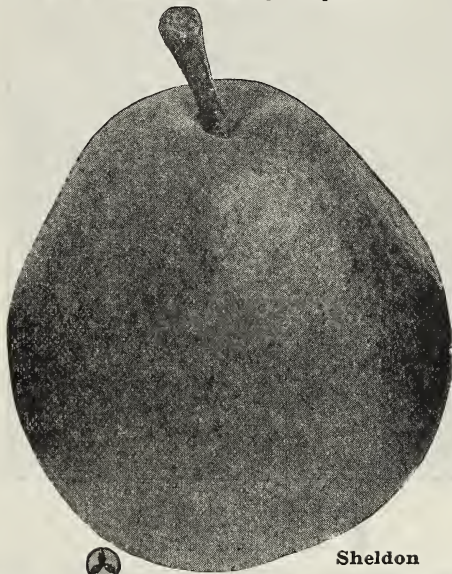
***Howell.** Large, yellow, with red cheek, rich, sweet, melting, early bearer, productive. Sept. and Oct.

***Kieffer.** Its large size, handsome appearance, and remarkable keeping and shipping qualities make it very profitable for market. Oct. and Nov.

***Louise.** (Louise Bonne de Jersey.) Good size, greenish yellow, with a bright red cheek. Sept. and Oct.

***Rossney.** Ripens about two weeks after Bartlett, averaging larger; creamy skin with crimson blush; flesh melting, juicy, sweet and tender, of superior flavor. A vigorous grower, and very productive.

***Seckel.** Small; skin rich yellowish brown, when fully ripe, with deep brownish red cheek; flesh very fine grained, sweet, exceedingly juicy, melting, buttery; one of the richest and highest flavored pears. Equally popular for dessert and pickling. Sept.-Oct.



Sheldon

***Sheldon.** Medium size; yellow, with a richly shaded cheek; flesh a little coarse, melting, juicy, with a very brisk, vinous, highly perfumed flavor; of first quality. Tree vigorous, hardy and productive. Oct.

***Vermont Beauty.** Tree hardy and vigorous, and abundant bearer. Fruit medium yellow with red cheek; rich, juicy, best quality. Oct.

***Worden.** A seedling of the Seckel. Equal in quality to its famous parent, which it much resembles in flavor, while in size, color, form and appearance it is decidedly superior. Hardy and an enormous bearer; fruit keeps well; retaining its quality to the last. Oct. Mail size, 75 cts.; 3 for \$2.00.

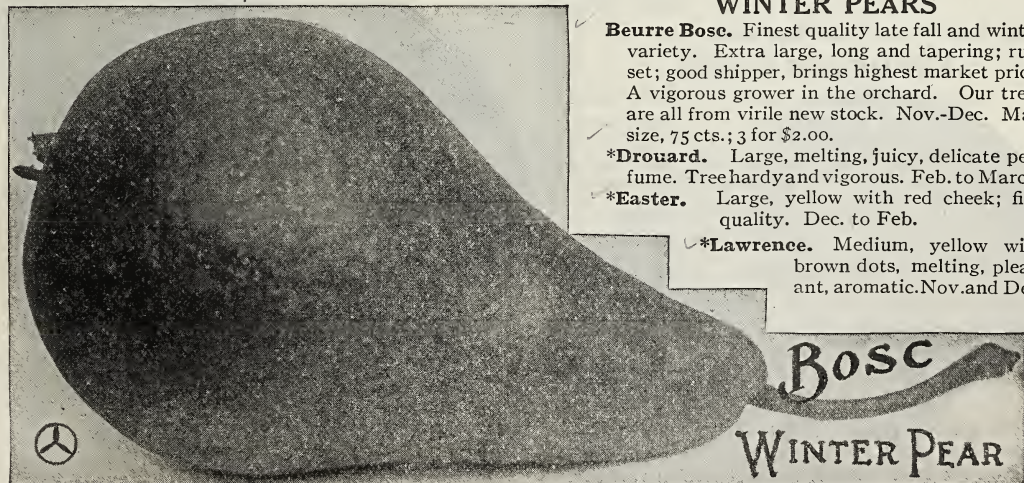
WINTER PEARS

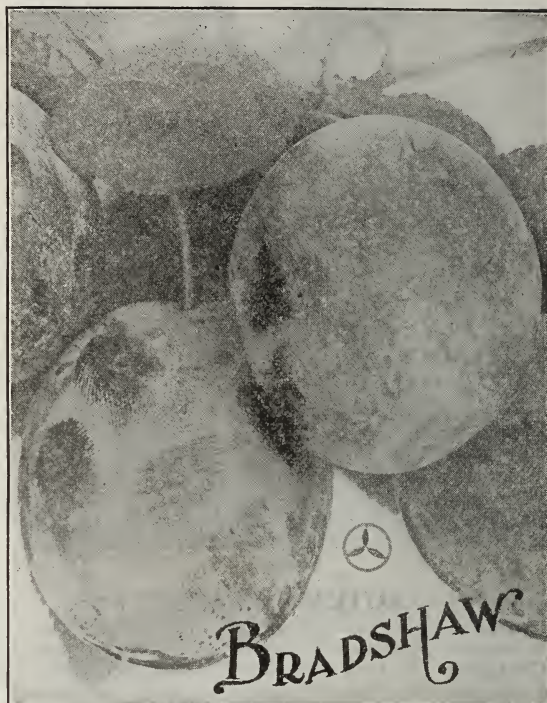
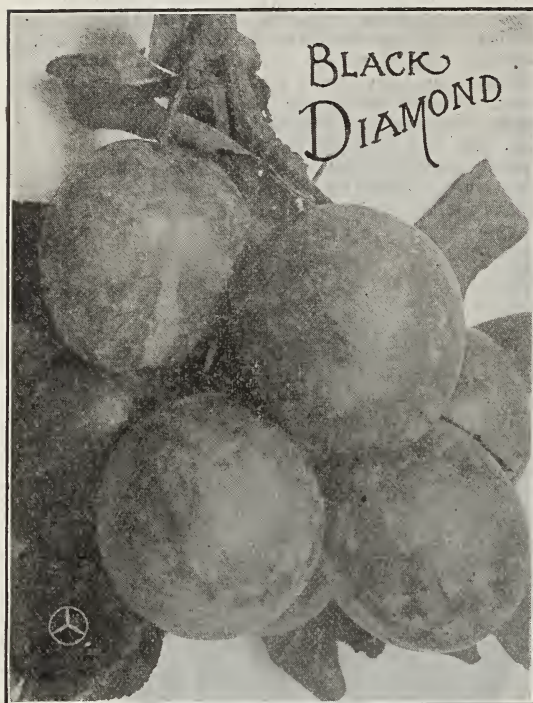
***Beurre Bosc.** Finest quality late fall and winter variety. Extra large, long and tapering; russet; good shipper, brings highest market price. A vigorous grower in the orchard. Our trees are all from virile new stock. Nov.-Dec. Mail size, 75 cts.; 3 for \$2.00.

***Drouard.** Large, melting, juicy, delicate perfume. Tree hardy and vigorous. Feb. to March.

***Easter.** Large, yellow with red cheek; fine quality. Dec. to Feb.

***Lawrence.** Medium, yellow with brown dots, melting, pleasant, aromatic. Nov. and Dec.





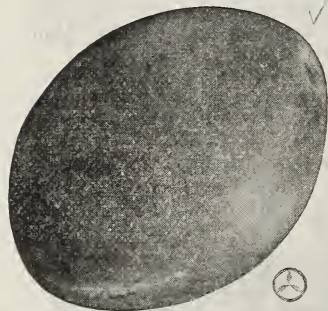
PLUMS

Annual sprayings with Bordeaux mixture keep away the leaf blight and fungus, and the thinning of too heavy crops of fruit prevents fruit rot. The market for plums is never over stocked, and they invariably bring good profitable returns. Set trees 16 to 20 feet apart.

PRICE OF PLUMS.	Each	Per 10
European , 5 to 7 feet.....	\$1.10	\$10.00
4 to 5 feet.....	1.00	9.00
Japan , 5 to 7 feet.....	1.25	11.50
Native , 5 to 7 feet.....	1.10	10.00
Prunus , Pissardi, 5 to 6 feet.....	1.00	9.00
4 to 5 feet.....	.90	8.00
3 to 4 feet.....	.80	7.00
" Othello, 4 to 5 feet.....	.90	8.00
3 to 4 feet.....	.80	7.00

Mail sale, 75 cts. each; 3 for \$2.00.

EUROPEAN PLUMS



Archduke

✓ **Archduke**. Large, black, prolific, valuable addition to late varieties for home use or market. Early Oct.

Arctic. ("Moore's Arctic.") Small, purplish-black, juicy, sweet, immense bearer; one of the hardiest in bud and bloom. Sept.

Bavay's Green Gage. ("Reine Claude.") Large, round-ovate; green, marked with red in the sun; hang long on the tree. One of the best foreign varieties. Late Sept.

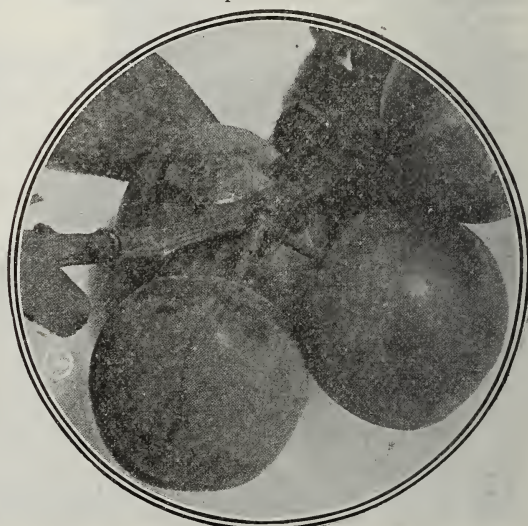
Bradshaw. Large dark red, flesh green, juicy, productive, fine for market. Aug.

Diamond. Large magnificent plum, one of the most attractive. Enormous size, dark purple with beautiful bloom. Tree vigorous, productive and hardy. Sept.

German Prune. Large, dark purple, sweet, good. One of the most desirable and popular for canning. Sept.

✓ **Grand Duke**. Color of Bradshaw; fruit very large, of fine quality, free from rot; very productive. Tree moderate grower. Last Sept.

Gueii. Large bluish purple, flesh yellowish green, rather coarse; sweet, pleasant. One of the best market varieties. Sept.



Bavay's Green Gage

EUROPEAN PLUMS (Continued)

Imperial Gage. Large pale green, juicy, sweet, rich and excellent. Aug.

Italian Prune. Good size, purple, juicy, delicious, fine for drying. Sept.

Lombard. Medium, violet red, juicy, good, hardy and productive, the leading market variety. Aug.

Monarch. Tree robust, dense foliage, and abundant bearer. Fruit very large, roundish, oval, dark purplish blue, perfect freestone. Follows Grand Duke in ripening. Oct.

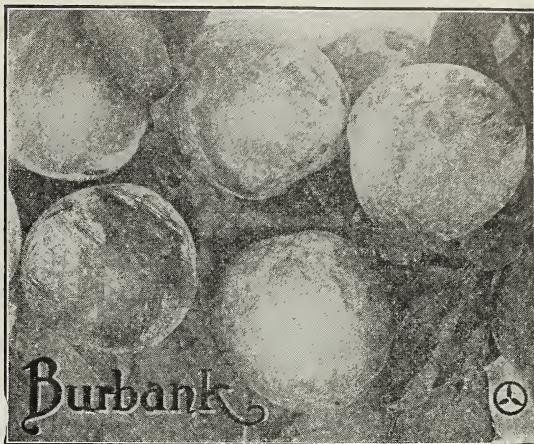
Peters. Large, oval, bright yellow; rich, juicy, fine quality. A good grower. Sept.

Pond. A magnificent plum, red changing to violet, one of the most attractive. Sept.

Shippers' Pride. Large, dark purple, very showy, often measuring 2 inches in diameter; fine, juicy and sweet. Sept.

Shropshire Damson. Medium, dark purple, very productive; best for preserving. Oct.

Yellow Egg. Very large, egg-shaped, productive, excellent for cooking. Aug.



Two Plums with Purple Leaves



Othello. Tree is an upright grower, and a prolific bearer; fruit deep crimson, about one inch in diameter, ripening before the very earliest of ordinary plums. The foliage is of the most brilliant reddish purple, and holds its color throughout the season.

Prunus Pissardi or Purple Leaved Plum. A small sized tree with very rich purple leaves, carrying their color through the season. One of the most desirable purple leaved trees or shrubs for ornamental planting. See "*Prunus Triloba*" under Shrubs on page 131

A Branch with 21 Lombards

Abundance. (Botan.) One of the oldest and best known Japanese varieties; hardy, productive. Fruit large, lemon yellow, with heavy bloom; good quality. Aug.

Burbank. Most profitable among growers for market; ripens 10 to 14 days after Abundance. Tree hardy, sprawling vigorous grower, unequaled in productiveness; bears young. Fruit large, excellent quality; cherry red, with lilac bloom. Aug.

Maynard. Sturdy, strong and very rapid grower, with heavy luxuriant foliage. Fruit is very large, nearly round, color deep, dull red, thin whitish bloom. Flesh firm, melting and juicy, rich and sweet, extra fine quality. Its shipping qualities are unsurpassed. Follows Climax in ripening.

Red June. One of the vigorous, upright growers; productive; fair size, vermilion red; pleasant quality. Ripens a week before Abundance. Aug.

Santa Rosa. Tree a strong, vigorous upright grower. Fruit uniformly large, deep purplish crimson with blue bloom; flesh purple shaded scarlet; pit small; the eating quality is unequaled, rich, fragrant, delicious; ripens with the earlies.

Satsuma. (Blood.) Large, globular, with sharp point. Color, purple and red with blue bloom, flesh firm, juicy, dark red or blood color, fine quality; pit very small. Hardy and vigorous grower. Aug.

Wickson. Fruit remarkably handsome, very large, long heart-shaped, color deep maroon red covered with white bloom; flesh firm and meaty, yellow, rich and aromatic; cling; pit small. Tree an upright vigorous grower. Excellent keeper and shipper, planted largely for market. Early Sept. (X)



JAPAN or ORIENTAL PLUMS

The Japanese Plums and their Hybrids are strong growing ornamental trees with light green foliage and attractive bloom, wonderfully productive and usually commence bearing the second or third year after planting. Fruit of nearly all varieties are large, fine quality, with firm meaty flesh. They bloom very early; not adapted to sections subject to late spring frosts.



• PEACHES •

THIRTY young orchards such as the one pictured above, have done much to bring wealth to many a farmer in the great Peach belts of Ohio and Michigan; and serve as living memorials to the virility, health and quality of the nursery stock sent out by "The Painesville Nurseries." Our nurseries have been the main source of supply during half a century, for hundreds of the finest Peach Orchards in the country. Aside from

the established policy of propagation, care and cultivation, the location of our propagating fields, close to and overlooking the health-giving waters of Lake Erie, and far removed from old orchards which might spread infection, probably has much to do with the unbounded success and popularity of our saleable trees.

Trees are all grown from Tennessee natural pits, free from insects, perfectly healthy, well ripened wood, with splendid roots, all stored in

frost-proof cellars beyond injury during the winter.



The unsurpassed "Elberta" ⊕

Set trees 16 to 18 feet apart.

Although our list of varieties has not been reduced, the quantities in each case available for spring sale are discouragingly short. Varieties followed by a cross (X) indicate we have no mail size.

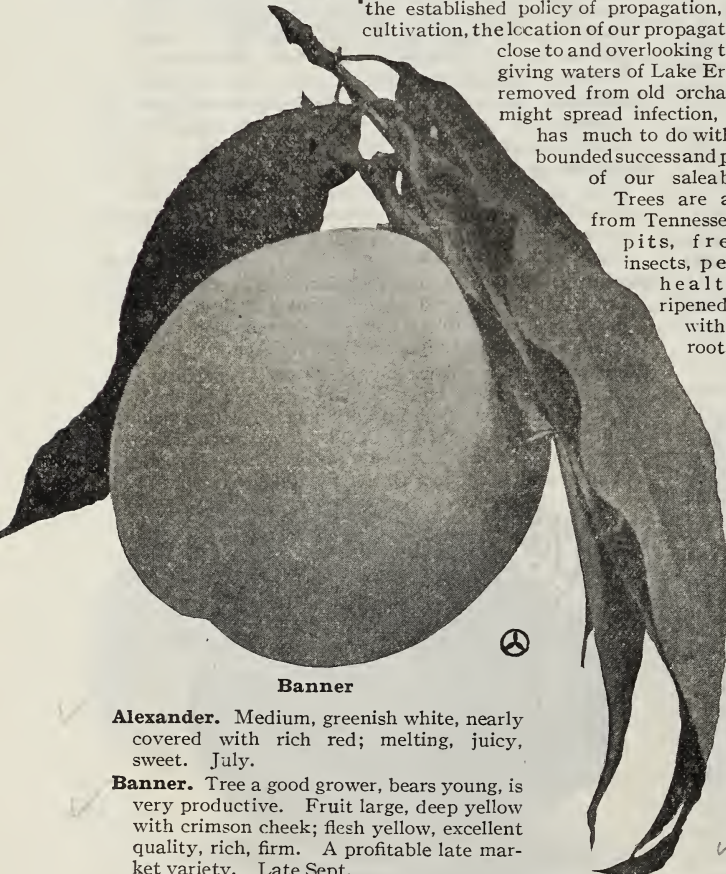
PRICE OF PEACHES.	Each	Per 10	Per 100
4 to 5 feet.....	\$.70	\$6.50	\$60.00
3 to 4 feet.....	.60	5.50	50.00
2 to 3 feet.....	.50	4.50	40.00

Rochester and Wilma—

4 to 5 feet.....	.85	7.50	65.00
3 to 4 feet.....	.75	6.50	60.00
2 to 3 feet.....	.65	5.50	50.00

Mail size, 50 cts. each; 6 for \$2.50.

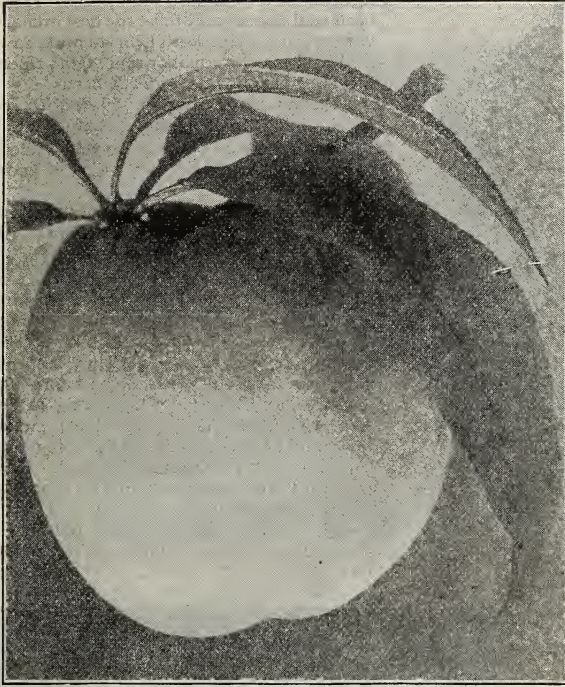
✓ **Barnard.** Medium, yellow, juicy and rich. Hardy and productive. Early Sept.



Banner

Alexander. Medium, greenish white, nearly covered with rich red; melting, juicy, sweet. July.

✓ **Banner.** Tree a good grower, bears young, is very productive. Fruit large, deep yellow with crimson cheek; flesh yellow, excellent quality, rich, firm. A profitable late market variety. Late Sept.



Beers

PEACHES (Continued)

Beers. A large, yellow flesh peach, an improvement on Smock Free, which it resembles. Ripens a few days later and is a better annual bearer. One of the most desirable and profitable market sorts.

Belle. (Belle of Georgia.) Very large; skin white with red cheek; flesh white, firm and of excellent flavor. Tree rapid grower, very prolific; fine shipper. Ripens with Early Crawford.

Capt. Ede. A handsome, large yellow peach of excellent quality; hardy both in bud and blossom. Early September.

Carman. Large, resembles Elberta in shape; color, creamy white or pale yellow with deep blush, skin very tough, flesh tender, fine flavor and quite juicy. Aug.

Champion. A large, handsome early variety, creamy white with red cheek, sweet, rich and juicy. Hardy and productive. Aug.

Chili. Medium, dull yellow. Extra hardy and productive. Late Sept. (X)

Chinese Cling. Large, white, shaded red, fine quality. A favorite variety in the South. Aug.

Crosby. One of the hardiest; abundant, medium, bright yellow, fine quality. Middle Sept.

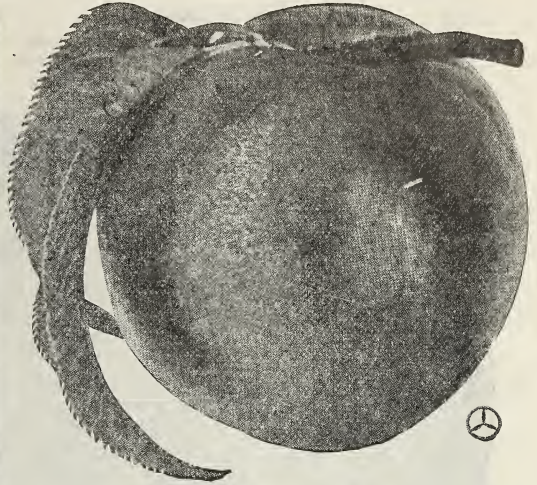
Dewey. Ripens with the Triumph, better form and color; hardy and productive; the earliest and best yellow freestone. July. (X)

Early Crawford. A magnificent large yellow peach of good quality. Early in Sept.

Early Elberta. Ripens about a week earlier than Elberta; otherwise the same, or a trifle better quality.

Elberta. Large, yellow, with red cheek; flesh yellow, firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. The leading market variety. Follows Early Crawford.

Engle. Large, yellow; resembles Late Crawford but more productive. Sept.



The New Hale Peach

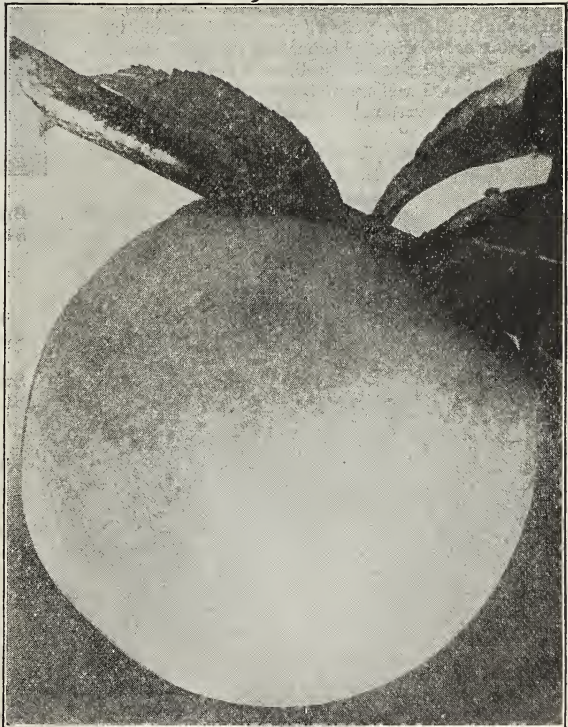
Fitzgerald. Fruit large; bright yellow, suffused with red; flesh deep yellow, best quality. Sept.

Gold Drop. Medium size, hardy, very productive, good quality, early bearer. Last Sept.

Greensboro. Double the size of Alexander, ripening at the same time. Flesh white, juicy and good. July.

Hale. Probably no new peach has ever been introduced claiming to be so much superior in all ways. It averages one-third

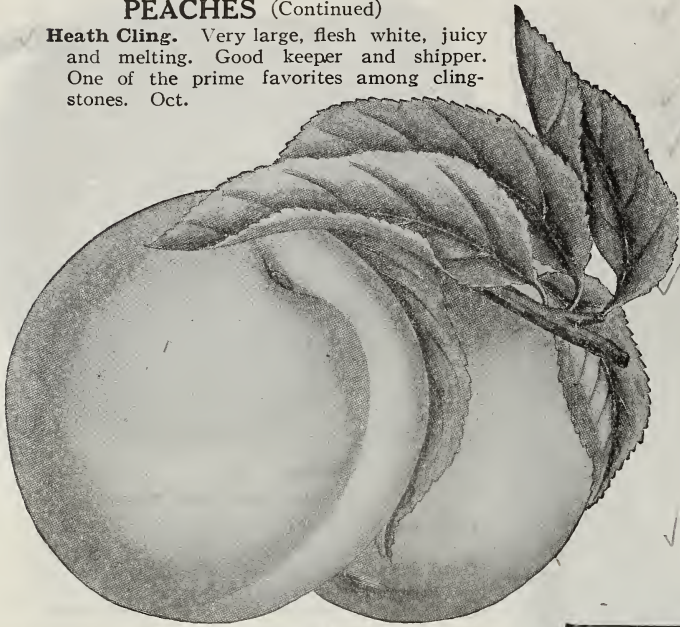
to one-half larger than Elberta, ripens about five days earlier and is much superior in flavor. Color a beautiful golden yellow, with deep carmine blush. It has been tested and largely planted in many sections of the country.



Champion

PEACHES (Continued)

Heath Cling. Very large, flesh white, juicy and melting. Good keeper and shipper. One of the prime favorites among clingstones. Oct.

**Stearns**

Kalamazoo. A leading market sort. Large, yellow, fine quality. Extra productive and profitable. Early Sept. (X)

Late Crawford. A superb, large, yellow peach. One of the best. Late Sept.

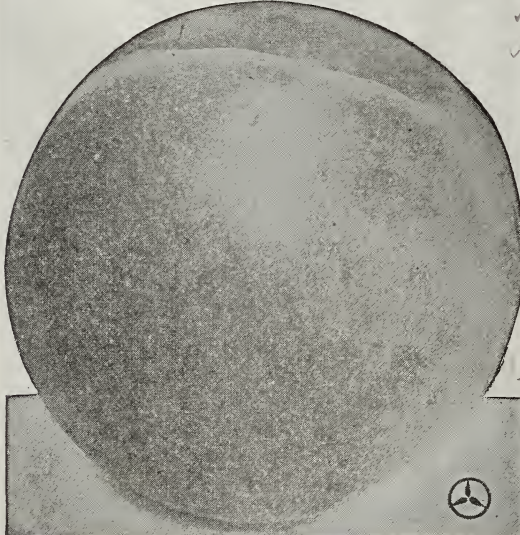
Lemon Cling. Large, pale yellow, dark red cheek, hardy and productive. Sept.

Lemon Free. Lemon-shaped and colored, large size, immensely productive, excellent quality. One of, if not the best for canning. Sept.

Marshall. Large, yellow, very productive. Oct.

Mayflower. Bright red cheeked. Carries to market in fine shape and sells well, as it is the only early peach that is well colored. A strong thrifty grower inclined to overbear, it should always be thinned. July.

Mountain Rose. Large, red, flesh white, juicy, excellent; one of the best. Aug.

**Niagara**

Niagara. A very large, yellow peach. It has been well tested, said to be the best orchard variety, surpassing both Elberta and Crawford in size, color, quality and vigor; ripening between Crawford and Elberta.

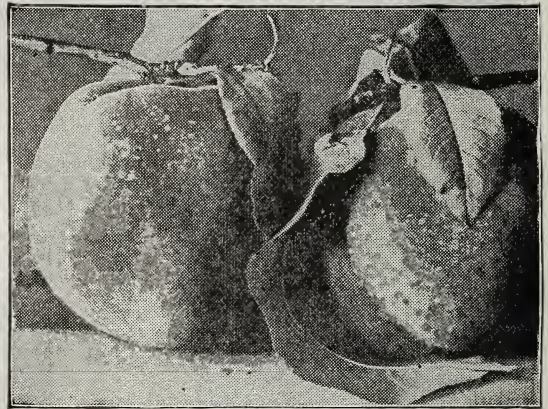
Old Mixon Cling. Large, yellow with red cheek; juicy, high quality. Late Sept.

Old Mixon Free. Large, pale yellow, deep red cheek, white flesh, tender, rich, good. Sept.

Prolific. Large, attractive, firm; flesh yellow, fine flavor; hardy, productive. Sept. (X)

Rochester. A new yellow freestone variety having the exceptional merits of being early, ripening about August 10, extraordinary sweetness and early bearing. Some trees bear in two years from planting. In other respects compares favorably with the best standard varieties, and is rapidly attracting attention. The fruit is large, yellow, sweet, juicy and of delicious flavor; keeping and shipping well; skin prettily blushed. Tree is strong growing and hardy, an annual and prolific cropper.

Salway. Large, creamy yellow, red cheek, flesh deep yellow, juicy, rich, sweet. Oct. (X)

**The red-cheeked "Mayflower"**

Smock Cling. Large, yellow, juicy, sub-acid.

Stearns. A perfect freestone, with yellow flesh and brilliant red skin. As a shipper it cannot be surpassed. Tree is a strong, upright grower, extremely hardy and free from disease. Considered by the introducer as the best market peach grown. Follows Elberta.

Stevens. Resembles an enlarged high colored Old Mixon. Hardy, exceedingly productive. Late Sept.

Stump. Large, white, bright red cheek. End of Sept.

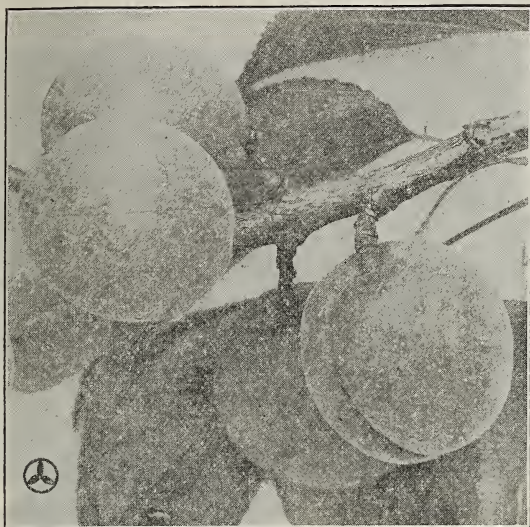
St. John. Nearly as large as Crawford, fully equal in color. Fruit round, brilliant, showy; one of the earliest yellow peaches. Aug.

Williams. Large handsome, hardy, very productive, excellent shipper. One of the most profitable clingstones. Mid. Sept.

Wilma. Splendid new variety. In growth it is strong and stocky, with large, dark green foliage. The fruit is large as Elberta (its parent), not quite so elongated; color very much better, and ripens about ten days later. Its more attractive color outsells Elberta when side-by-side on the market. Wilma is being largely planted in the great peach belt of northwestern Ohio, and we believe it one of the coming leading commercial varieties.

Wonderful. A fine late market variety, similar to Beers. Late Sept.

APRICOTS



Ripening as they do between Cherries and Peaches, the Apricot is a most welcome fruit, both tempting and delicious. The trees, as hardy as those of the Peach, should be planted on a northern or western exposure to prevent early blooming. They need the same treatment for curculio as the Plum. Set trees 16 to 18 feet apart.

PRICE OF APRICOTS.

	Each	Per 10
4 to 5 feet.....	\$.80	\$7.00
3 to 4 feet.....	.70	6.00

Mail size, 50 cts.; 3 for \$1.25.

EUROPEAN VARIETIES

Early Golden. Small, pale orange, juicy and sweet. (X)

Montgamet. Fruit large, round, early, deep yellow with a fine blush; flesh yellow, firm, juicy and excellent. Tree hardy, a good grower.

Moorpark. Yellow, with red cheek, juicy, sweet and rich, freestone, very productive.

Royal. Large, yellow, juicy, rich and delicious; a very fine variety.

RUSSIAN VARIETIES

These are quite distinct from the European varieties, harder and will produce fruit when other apricots fail. Recommended where peaches cannot be grown. They are all early bearers and productive.

Alexander, Alexis and Budd.

Superb. A hardy seedling from Kansas. The best flavored, most productive hardy apricot yet produced. Medium size, light salmon color.

QUINCES

The Quince crop is usually reliable and not often destroyed by capricious weather variations. The trees grow well in any good soil, but prefer a deep moist loam. They are easy to prune and spray, and need but little attention. In almost all local markets they find a ready sale for preserves, jellies and canning, for which we have no finer fruit. The fruits of all varieties are quite fragrant, and the trees and bloom highly ornamental.

Set trees 10 to 12 feet apart.

PRICE OF QUINCES.

	Each	Per 10
Orange and Champion 4 to 5 feet...	\$1.00	\$9.00
" " 3 to 4 feet...	.90	8.00
Bourgeat, Meech and Rea, 4 to 5 feet	1.10	10.00
" " 3 to 4 feet	1.00	9.00

Mail size, 75 cts. each; 3 for \$2.00.

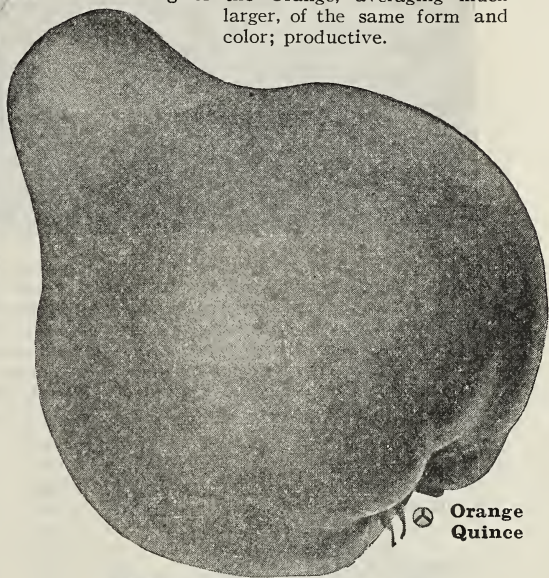
Bourgeat. A remarkably strong grower, yielding immense crops, fruiting at three and four years in nursery rows. Fruit of largest size, round, rich, golden color; smooth, very tender when cooked; has been kept until February in good condition.

Champion. A prolific, constant and early bearer, oval fruit averaging larger than the Orange, quality equally fine, and a long keeper; ripens late.

Meech. A vigorous grower and immensely productive. The fruit is large, lively orange yellow, of great beauty and delightful fragrance; its cooking qualities are unsurpassed.

Orange. Fruit large, bright yellow, of excellent flavor.

Rea. A seedling of the Orange, averaging much larger, of the same form and color; productive.



Orange Quince

MULBERRIES

PRICE OF MULBERRIES.

	Each	Per 10
New American and Downing, 3 to 4 feet.....	\$.80	\$7.00
Russian and White, 4 to 6 feet.....	.60	5.00
" " 3 to 4 feet.....	.50	4.00
" " 2 to 3 feet.....	.40	3.00

Downing. Very large, black, handsome, sweet, rich, and excellent. Mail size, 75 cts.; 3 for \$2.00.

New American. Equal to Downing in all respects, and a much hardier tree. Vigorous grower, very productive; the best variety for fruit; ripe from middle June to September. Mail size, 75 cts.; 3 for \$2.00.

Russian. Very hardy, vigorous grower; valuable for feeding silk worms, etc. Fruit of small size, varies in color from white to black. 1 year, by mail, 60 cts. per 10; \$2.00 per 100; by express, \$1.50 per 100; \$12.00 per 1000.

White. (Morus Alba.) The common variety. Valued for feeding silk worms. (X)

NECTARINES

The Nectarine has a smooth skin like the plum, and requires the same treatment for curculio. It is like the peach in other ways and requires the same culture.

The following yellowish-green varieties are two of the best. Set trees 16 to 18 feet apart.

PRICE OF NECTARINES.

	Each	Per 10
4 to 5 feet.....	\$.80	\$7.00
3 to 4 feet.....	.70	6.00

Mail size, 50 cts. each; 3 for \$1.25.

Early Violet. Purple cheek. Last of August.

Elruge. Dark red cheek. Beginning of September.)



EVEN under unfavorable conditions the grape-vine will bear fruit, but good culture, pruning and spraying should be applied if the best quality of fruit is desired. No part of the fruit garden yields a richer harvest than the vineyard. Along almost any garden fence or walk there is room for vines enough to furnish luscious grapes from July to November. In such situations they may be planted about 8 feet apart. In vineyard rows set the vines 6 to 10 feet apart, with 8 feet of space between the rows. Make the soil mellow, and plant the vines somewhat deeper than they stood in the nursery. Paper bags slipped over the clusters as soon as they have formed are a good protection from fungus, insects, birds, etc.

PRICE OF GRAPE VINES.

	Each	Per 10	Per 100
Agawam, 1 year.....	\$.40	\$3.50	.....
" 2 years.....	.45	4.00	.....
Brighton, 1 year.....	.50	4.50	.....
Campbell, 1 year.....	.45	4.00	.....
Catawba, 1 year.....	.40	3.50	.....
" 2 years.....	.45	4.00	.....
Champion, 1 year.....	.35	3.00	.....
" 2 years.....	.40	3.50	.....
Concord, 1 year.....	.35	3.00	25.00
" 2 years.....	.40	3.50	30.00
Delaware, 1 year.....	.45	4.00	.....
Diamond, 1 year.....	.45	4.00	.....
Green Mountain (Winchell), 1 year.....	.60	.....	.....
" " 2 years.....	.70	.....	.....
Ives, 1 year.....	.35	3.00	.....
" 2 years.....	.40	3.50	.....
King, 1 year.....	.65	6.00	.....
" 2 years.....	.75	7.00	.....
Moore's Early, 1 year.....	.40	3.50	.....
" 2 years.....	.45	4.00	.....
Niagara, 1 year.....	.40	3.50	.....
" 2 years.....	.45	4.00	.....
Pocklington, 1 year.....	.45	4.00	.....
" 2 years.....	.50	4.50	.....
Regal, 1 year.....	.60	5.00	.....
" 2 years.....	.70	6.00	.....
Salem, 1 year.....	.40	3.50	.....
" 2 years.....	.45	4.00	.....
Woodruff, 1 year.....	.50	4.50	.....
" 2 years.....	.55	5.00	.....
Worden, 1 year.....	.40	3.50	.....
" 2 years.....	.45	4.00	.....
Wyoming, 1 year.....	.45	4.00	.....
" 2 years.....	.50	4.50	.....

BY MAIL { Unless noted, 1 year vines, 40 cts. each.
 { Unless noted, 2 year vines, 50 cts. each.

BLACK

Campbell. Ripens with Moore's Early. Extra large, sweet and productive. By mail, 1 year, 50 cts.

Champion. (Talman.) Inferior quality; but very early.

Concord. The leading market, vineyard and home garden variety, with which all others are habitually compared.

Ives. Berries and compact bunches medium size; excellent wine quality.

King. A recent introduction of superlative qualities in all points of comparison; a fancy home-market sort, ripening between Concord and Worden. By mail, 1 year, 75 cts.; 2 years, 85 cts.

Moore's Early. Bunch medium, berry large round; vine exceedingly hardy. About three weeks ahead of Concord, making it desirable for early market, particularly in Canada and northern States.

Worden. Resembles Concord, but is sweeter, larger in bunch and berry, and a week to ten days earlier.

RED or AMBER

Agawam. Berries large, thick skinned, sweet, aromatic, sprightly. Closely follows Concord, keeping much longer.

Brighton. High quality, handsome, large, productive, adaptable. One of the most popular reds. By mail, 1 year, 55 cts.

Catawba. A great wine grape; fine for dessert; an extra long keeper. Ripens late; when fully ripe, color dull copper red, flavor richly sweet and musky.

Delaware. The exquisite little American dessert grape. Handsome, reliable, very highest quality. By mail, 1 year, 50 cts.

Regal. Hardy, even at 30° below. Growth sturdy, safely upholding heaviest crops. Clusters cylindrical, compact and alluring; berries very large, dark red, juicy, piquantly flavored; pulp tender, seeds easily freed; skin thin but tough. Mail size, 1 year, 65 cts.; 2 years, 75 cts.

Salem. A good, reliable variety, well colored; sprightly flavored.

Woodruff. Of iron-clad hardness and a heavy cropper, maturing with Concord. Fruit large and pleasant. By mail, 1 year, 55 cts.; 2 years, 60 cts.

Wyoming. Hardy, early, productive, good sized in bunch and berry; brisk, sweet flavor. By mail, 1 year, 50 cts.; 2 years, 55 cts.

WHITE GRAPES

Diamond. Will match its black rival, Concord, as to locality, size, character and production, ripening with Moore's Early. Quality unexcelled, color charming. By mail, 1 year, 50 cts.

Green Mountain. (Winchell.) Probably finest quality in this class, a home-garden tid-bit, but not profitable commercially. Ripens very early. Mail size, 1 year, 65 cts.; 2 years, 75 cts.

Niagara. The standard white Grape, comparing well and running closely with Concord; bunch and berries larger.

Pocklington. Beautiful golden color when ripe, enhancing its luscious sweetness. Ripens late and keeps well.

CURRANTS

Hardy, easily cultivated, standing neglect well and liberally responding to cultivation and generous treatment; indispensable for table use, jellies, etc.; no garden is complete without them, and large quantities are required for market.

Black currants are not readily appreciated by many people, but once the taste is acquired, "black currant jam" becomes one of the necessary adjuncts to a well stocked pantry.

Set three to four feet apart, or five feet if in rich ground; cultivate well or mulch heavily; prune out old wood so that each remaining shoot

will have room to grow. If the currant worm appears, dust with hellebore, quick.

(Despite heavy fall sales and extreme stock shortage, we have managed to retain for Spring a limited supply of these selected best sorts.)

PRICE OF CURRANTS.		Each	Per 10
Black—Black Victoria and Boskoop—			
1 year.....	\$.25	\$ 2.00	
2 years.....	.30	2.50	
Red—Fay, 1 year.....			
2 years.....	.30	2.50	
London, 1 year.....	.35	3.00	
" 2 years.....	.30	2.50	
Perfection, 1 year.....	.35	3.00	
" 2 years.....	.40	3.50	
White—White Grape, 1 year.....			
" 2 years.....	.30	2.50	
" 2 years.....	.35	3.00	

Unless noted, 1 year, by mail, 35 cts.; 4 for \$1.00.

Black Victoria. A strong, vigorous grower, making a neat bush of unfailing productiveness; fruit of fine flavor and enormous size; one of the largest blacks in cultivation.

Boskoop. A new black variety claimed to excel all the older sorts in vigor, productiveness and size.

Fay. Of unprecedented popularity, and long the leading market variety over a wide section of country. Extra large stems and berries, uniform in size, easily picked, exceedingly productive.

London. Plant is extremely vigorous, with perfect foliage which it retains through the season; an enormous cropper. For any use—home garden or market—one of the best.

Perfection. A cross between Fay and White Grape, retaining the valuable characteristics of both. Beautiful bright red, as large or larger than Fay, holding its size to end of bunch; easy to pick; a superior bearer, less acid and of better quality than any other large currant in cultivation. Mail size, 50 cts.; 3 for \$1.25.

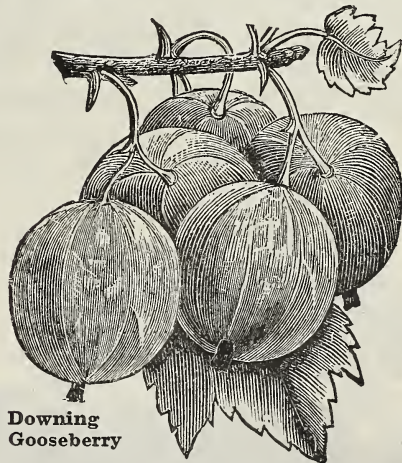
White Grape. Very large; yellowish white; sweet or very mild acid; excellent quality and valuable for the table. Productive.

GOOSEBERRIES

Owing to the embargo placed by our government upon all Gooseberries of foreign propagation, we are unable to offer our usual choice list of large fruited sorts which we have usually had grown for us in England, and normally import in great quantities.

Plant from 3 to 4 feet apart, in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit. To prevent mildew, spray bushes as soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur)—one ounce to four gallons of water.

PRICE OF GOOSEBERRIES.		Each	Per 10	Per 100
Downing, 1 year.....	\$.30	\$ 2.50	\$ 20.00	
" 2 years.....	.35	3.00	25.00	
Houghton, 1 year.....	.25	2.00	15.00	
" 2 years.....	.30	2.50	20.00	
Josselyn, 1 year.....	.35	3.00	...	
" 2 years.....	.45	4.00	...	

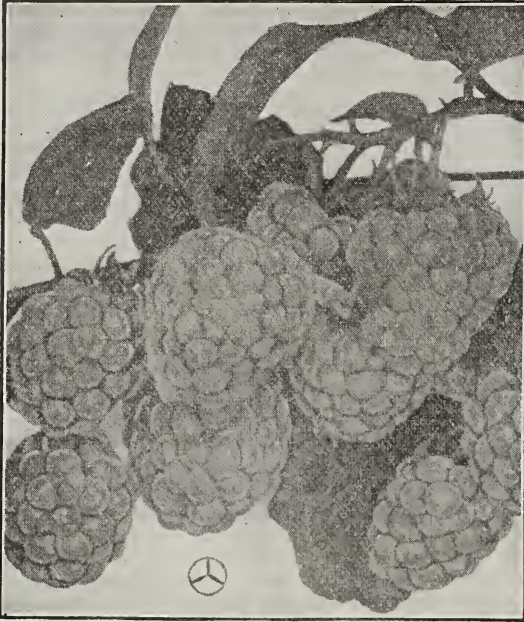


Downing
Gooseberry

Downing. Large handsome, pale green and of splendid quality for both cooking and table use; bush a vigorous grower, and usually free from mildew. Mail size, 35 cts. each; \$1.00 for 3.

Houghton. Small to medium; roundish, oval, pale red, sweet, tender, very good; plants spreading; shoots slender, enormously productive. Mail size, 30 cts.; \$1.00 for 4.

Josselyn. Large sized, smooth, prolific and hardy, of best quality. Been tested over a wide extent of territory by the side of all the leading varieties, and so far the freest from mildew, both in leaf and fruit, of them all. A wonderful cropper, with bright, clean, healthy foliage. Mail size, 40 cts.; \$1.00 for 3.



Empire

RASPBERRIES

Will do well on any soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they have done bearing, cut out the old wood to give more vigor to the young canes. All kinds of raspberries are benefited by mulching both in summer and winter. Plant in rows five feet apart, three feet apart in the row.

PRICE OF RASPBERRIES. Per 10 Per 100 Per 1000

Black —Cumberland, Kansas and Plum Farmer.....			
	\$.75	\$6.00	\$50.00
" Gregg.....			
	.85	7.50	60.00
Red —Cuthbert, King and Marlboro.....			
	.75	6.00	50.00
" Columbian and St. Regis... ..			
	.85	7.50	60.00
" Eaton and Royal Purple... ..			
	1.25	9.00	.....
" Ruby.....			
	1.25	10.00	.....
" Herbert.....			
	1.50	11.00	.....
" Empire and June.....			
	1.75	12.00	.....
Yellow —Golden Queen.....			
	1.00	8.50	.....

Mail size, unless noted, 15 cts.; 10 for \$1.00; 100 for \$7.00.



Columbian

RED

Cuthbert ("Queen of the Market.") A remarkably strong, hardy variety; stands the northern winter and southern summers equal to any. Berries very large, conical, rich crimson, very handsome, and so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious. The leading market variety for main crop.

Columbian. Very large, purplish color, rather soft; rich, sprightly flavor unrivalled for canning, making jam, jelly, etc. Bush, wonderful for vigor of growth and productiveness.

Mail size, 20 cts.; 10 for \$1.25; 100 for \$8.50.

Eaton. A strong, sturdy grower, throwing out many laterals and fruiting to the tips and from every lateral. An immense cropper, while the fruit is extraordinarily large and handsome, firm, and of the highest quality. The fruit a deep rich red when fully ripe, and of sprightly exquisite flavor. Mail size, 20 cts.; 10 for \$1.50; 100 for \$10.00.

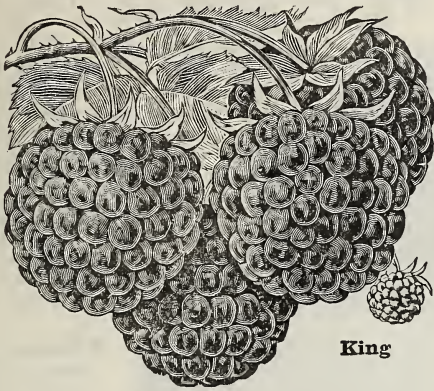
Empire. A promising new red variety, having hardness, productiveness, vigor of bush, healthiness and large, handsome, firm, well flavored fruits as its chief assets. The canes need no winter-protection in this region. The fruits are mild, rich and sweet, of best quality, averaging larger than those of the well-known Cuthbert; about the same color, ripening a little earlier with a longer picking season. The texture is firm and the berries will stand shipment well and may be kept long. Mail size, 25 cts.; 10 for \$2.00; 100 for \$13.00.



Herbert

Herbert. In hardness it easily takes first place, standing a lower temperature than any other kind. The cane is very strong and vigorous, slightly prickly, leaves large and healthy. Fruit bright red, somewhat oblong, larger than Cuthbert, flavor very sweet and juicy. Season 5 to 6 days before Cuthbert. Mail size, 20 cts.; 10 for \$1.50; 100 for \$11.00.

June. Of seventy varieties, in comparative test at the New York Experiment Station, this remarkable new product of Loudon and Marlboro was the earliest and only kind to fruit in June, thus earning its pretty name. The experts who have closely followed its probation, are jubilant over a first-class variety with fruit superior to the old timers, and earlier, which is also as vigorous in growth, hardy, and as adaptable to all kinds of soil. June bears heavily and with undiminished size over a long period, the fruit shipping well and making a handsome appearance in the markets. It shows the bright red color of Loudon; is larger and rounder than Cuthbert; its quality is equal to any; and—joy to the pickers,—it has no thorns! Mail size, 25 cts.; 10 for \$2.00; 100 for \$13.00.

RED RASPBERRIES (Continued)**King****Cumberland****BLACK RASPBERRIES**

Cumberland. A healthy, vigorous grower, throwing up stout, stocky well branched canes that produce immense crops of magnificent berries. Fruit very large, firm, quality about same as Gregg, keeps and ships as well as any of the blacks. The most profitable market variety. Mid-season.

Gregg. For many years the leading standard best known market sort. Very productive, large size, firm, meaty berries, covered with heavy bloom.

Mail size, 20 cts.; 10 for \$1.25; 100 for \$8.50.

Kansas. Strong, vigorous grower, standing extremes of drouth and cold, and bearing immense crops. Early, ripening just after Palmer. Berries size of Gregg, of better color; jet black and almost free from bloom; firm, of best quality; presents a handsome appearance and brings highest price in market.

Plum Farmer. A few days later than Kansas; maturing the entire crop in a very short period, making one of the most profitable early market sorts. The berries are thick-meated, firm, with a bloom similar to Gregg. Berry large and very attractive when picked.

YELLOW RASPBERRIES

Golden Queen. A beautiful, large golden yellow berry, seedling of the Cuthbert and surpassing that variety in size, beauty, quality and adaptability. Canes hardy, of strongest growth, productive. Should be in every garden, its beauty and high quality placing it at the head for table use. Mail size, 20 cts.; 10 for \$1.50; 100 for \$10.00.

**St. Regis**

King. Plant a strong grower, very hardy and productive. Berry is firm, a good shipper; large size; beautiful bright scarlet color; ripens with the earliest.

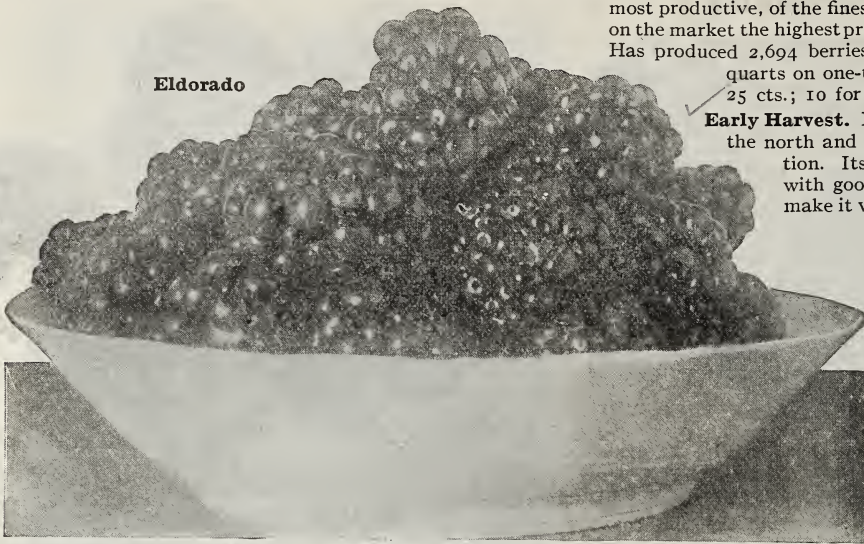
Marlboro. Large size, light crimson color; good quality and firm. Vigorous, hardy and productive. The best well tested, large early berry for the north.

Royal Purple. A new purple variety, resembling but claimed to be better in every respect than the Columbian or Haymaker. One of the largest. The greatest bearer of all; of fine flavor. Plant hardy as an Oak; a strong grower. Recommended by the introducer as the greatest money making Raspberry on Earth. Mail size, 20 cts.; 10 for \$1.50; 100 for \$10.00.

Ruby. Ripens with the earliest, continuing a long season. Fruit large, bright red, exceedingly firm, excellent quality. Strong grower, large hardy canes. One of the most profitable early bright reds. Mail size, 20 cts.; 10 for \$1.50; 100 for \$11.00.

St. Regis. A genuine, practical, profitable, continuous—to—fall bearing red raspberry. Fruit commences to ripen with the earliest and continues on young canes until October. Berries bright crimson, large size, rich, sugary, with full raspberry flavor. Flesh firm and meaty, a good shipper. Wonderfully prolific. Canes stocky, of strong growth, with abundance of dark green feathery foliage. Mail size, 15 cts.; 10 for \$1.00; 100 for \$8.50.

Eldorado



BLACKBERRIES

Should be planted in rows six to seven feet apart, three to five feet in the row. Keep the ground light and rich. Pinch the canes back when they have reached four feet in height.

PRICE OF BLACKBERRIES.

Each Per 10 Per 100

Early Harvest, Mersereau, Snyder and Taylor.....	\$.15	\$1.00	\$ 8.00
Miller.....	.25	1.75	12.00
Eldorado and Blowers.....	.20	1.50	10.00
Lucretia Dewberries.....	.15	1.00	7.00

By mail, unless noted, 20 cts.; 10 for \$1.50; 25 for \$2.75; 100 for \$9.00.

Blower. Originated in the celebrated small fruit belt of Chautauqua County, N.Y. One of the hardiest,

most productive, of the finest quality, and brings on the market the highest price of all blackberries. Has produced 2,694 berries on one bush, 2,720 quarts on one-third acre. Mail size, 25 cts.; 10 for \$2.00; 25 for \$3.25.

Early Harvest. Not entirely hardy in the north and needs winter protection. Its earliness, combined with good shipping qualities, make it very profitable. Compact dwarf grower, enormous bearer. Fruit medium size, black, of excellent quality.

Eldorado. The vines are vigorous and hardy, enduring the winters of the far northwest without injury, and their yield is enormous.

Berries large, jet black; borne in large clusters, and ripen well together; they are very sweet, melting and pleasing to the taste, have no hard core, and keep eight or ten days after picking with quality unimpaired. Mail size, 25 cts.; 10 for \$2.00; 100 for \$11.50.

Mersereau. Remarkably strong grower, upright, producing stout, stocky canes. An enormous producer of extra size berries which are brilliant black and retain their color under all conditions; extra quality; sweet, rich, melting, without core.

Miller. This variety is supposed to be a descendant of the hardy old Taylor, crossed by some of the larger fruited sorts—was grown by Mr. D. J. Miller ten years before we bought the entire stock. One of the finest large blackberries, hardy and very prolific; canes strong and robust, has produced fruit one inch in diameter and one and one-half inches long. Fruit dark color, sweet and juicy, no core. Mail size, 25 cts.; 10 for \$2.00; 25 for \$4.00.

Snyder. Enormously productive, medium sweet, no hard, sour core. The leading variety where hardiness is the consideration. Ripens early.

Taylor. Berries of fine flavor, larger than Snyder. Canes of vigorous growth, iron clad hardiness and wonderfully prolific. Ripens late.

DEWBERRY

Lucretia. One of the low-growing trailing blackberries; in size and quality it equals any of the tall-growing sorts. Perfectly hardy, healthy and remarkably productive, with large, showy flowers. The fruit, which ripens early, is often 1 1/2 inches long by 1 inch in diameter; soft, sweet and luscious throughout. Mail size, 15 cts.; 25 for \$2.50; 100 for \$7.50.

RHUBARB or PIE PLANT

PRICE OF RHUBARB.

Each Per 10 Per 100

Linnaeus and Queen.....	\$.15	\$1.00	\$5.00
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Linnaeus. Large, early, tender and fine. The old reliable pie kind. By mail, 20 cts.; \$1.00 for 6.

Queen. Strong, vigorous; producing extra large stocks of decided pink. By mail, 20 cts.; \$1.00 for 6.

HOLT'S MAMMOTH SAGE

The plants of this new variety are very robust, perfectly hardy and increase with age. The leaf is borne well above ground, is of unusual substance, strong in flavor and of excellent quality. 15 cts. each; \$1.50 per dozen.

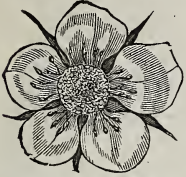


Snyder

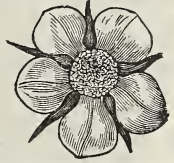
STRAWBERRIES

If plants are set $1\frac{1}{2}$ by 3 feet, it will require 9680 plants to an acre

Strawberries will succeed in any soil that is adapted to ordinary farm or garden crops. Soil should be thoroughly prepared to a good depth, well drained and enriched. Vegetable manure (muck, rotten turf, wood soil, ashes, etc.) is the best. For field culture set in rows 3 to $3\frac{1}{2}$ feet apart, 15 to 18 inches in rows; for garden 15 inches apart each way, leaving pathway every third row. To produce fine, large fruit, keep in hills, pinching runners off as soon as they appear. Ground should always be kept clean and well cultivated. In winter a covering of leaves, straw or some kind of litter will protect the plants. Do not cover them until ground is frozen, or so deep as to smother the plants, and remove covering before growth starts in spring. Mulching will keep the fruit clean and the soil in good condition through the fruiting season.



Perfect Flower



Imperfect Flower

The blossoms of those varieties marked with (P) are destitute of stamens and are termed "pistillate," and unless a row of perfect flowering variety is planted at intervals not exceeding about a rod, they will produce imperfect fruit and but little of it; but when properly fertilized as a rule they are more prolific than those with perfect flowers. We give representations of Bi-Sexual, or perfect flowered, and also of the Pistillate, or imperfect. Our land is especially suited to the development of strawberry plants, giving us extra fine crowns and roots, our plants weighing two or three times as much as many sent out. Our stocks are pure, each kind kept by itself and cultivated entirely for the production of plants. They are carefully graded, handled and packed, certain to give the best of satisfaction. **Dip the plants in water as soon as received,** and bury the roots in moist, shady ground until you are ready to set them out; neglect for an hour or so is often fatal.

✿ ✿ ✿ WE SEND STRAWBERRY PLANTS BY EXPRESS OR MAIL ONLY. ✿ ✿ ✿

NEW "EVERBEARING" STRAWBERRIES

Everbearing Strawberries, that yielded fruit continuously from May or June until frost, have been known for a long time, but it is only recently that varieties of value have been produced. We offer, after trial of most of the leading varieties, the following two as the best of this class and heartily recommend them. They are practical croppers, and, coming out of ordinary season, bring very profitable prices for market.

CAUTION: To obtain the largest size and finest quality of fruit in the fall, keep flowers picked off until about the first of August.

Superb.

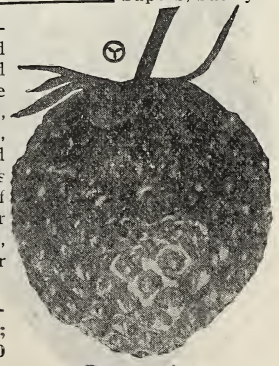
One of the best and most profitable of the fall bearing sorts, also yielding good crops in June, on the same plants that produced fruit the previous fall. Plants are strong and stand the winter well after producing a heavy crop of fruit from about August 15 until November 15, according to season. Fruit is very large, round, rich, dark colored, glossy, attractive and smooth. Each berry is of good shape and ripens all over at once. By mail, 10 for 80 cts.; 100 for \$2.35.

Progressive.

Not so large as Superb, but by

many considered of superior quality, of good size and smooth, good red color. Plants are vigorous and healthy, much like Dunlap, blooms well protected by the foliage. Gives splendid pickings of first quality berries for a long time. By mail, 10 for 80 cts.; 100 for \$2.35.

Both Kinds by Express, 60 cts. per 10; \$2.00 per 100; \$14.00 per 1000.



Progressive



STRAWBERRIES

GENERAL COLLECTION

Price of Strawberries—By Express Per 10 Per 100 Per 1000

✓ **Dunlap**, Gandy, Glen Mary, Gibson, Parsons, Ryckman, Sample, and Wm. Belt.....\$.25 \$.90 \$7.00

✓ **Brandywine**, Excelsior, Haverland, Jessie, Marshall, Stevens Late and Warfield..... .35 1.00 8.00

Big Valley, Campbell's Ey., F. E. Willard, Messenger and Pittsville .50 1.25 9.00

By mail, except noted, 35 cts. for 10; \$1.25 for 100.

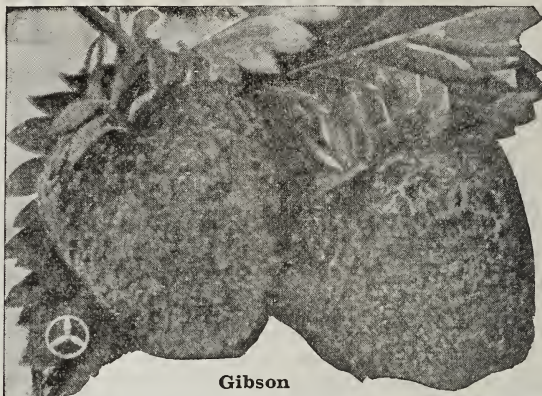
*See "Everbearing" varieties on Page 157.

(P) means "pistillate" or imperfect flowers. (E), (M) and (L) designate early, medium or late fruiting season.

Big Valley. (M) An extra hardy, strong growing plant with large, heavy foliage; a prolific plant maker. Fruit of the very largest size (have measured $6\frac{1}{4}$ inches in circumference); one of the sweetest berries ever grown. By mail, 60 cts. per 10; \$1.60 per 100.

Brandywine. (L) A fine, large, late, handsome, productive berry of excellent quality; regular conical form; dark glossy red, extending to the center. By mail 45 cts. per 10; \$1.35 per 100.

Dunlap. (E) Plant resembles Warfield rampant runner, should be restricted in its production of plants; fully equal to Crescent and Warfield in its ability to succeed under all circumstances. Fruit good size, regular form, beautiful bright red, glossy; firm, splendid keeper and shipper, excellent quality, one of the best for canning; ripens early and continues a long time.



Gibson

Campbell's Early. Plants are large and strong, very vigorous.

deep rooted and will make a good bed on sandy soil. Fruit ripens very early and the crop is sold before the glut of mid season berries comes on. The yield is large and dependable. Berries are attractive, just piquantly acid, uniformly medium in size. Ship well and sell readily. By mail, 60 cts. per 10; \$1.60 per 100.

Excelsior. (E) A very early berry, noted for its productiveness and its ability to stand drought and heat. By mail, 10 for 45 cts.; 100 for \$1.35.

Frances E. Willard. One of the finest of all for the home garden.

Fruit beautiful glossy red, with red flesh and finest quality. Plant large, healthy, good grower, and bearer. By mail, 10 for 60 cts.; 100 for \$1.60.

Gandy. (L) Reliable late variety, berries bright crimson, very uniform in size and shape, and large firm plants; vigorous and healthy.

Gibson. (M) One of the best and most profitable sorts for both home and market.

Plants are strong growers with long roots and abundant foliage, exceedingly productive. Berries extra large, choice flavored, dark glossy red clear through.

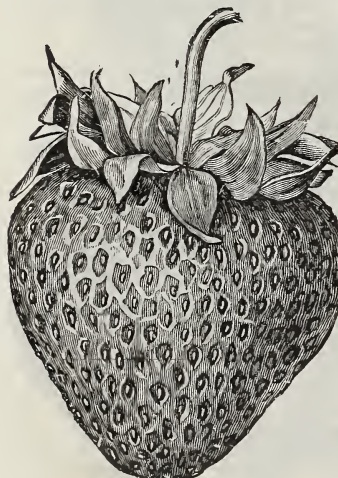
Glen Mary. (M) Berries large to very large, often flattened, bright deep red on surface, light red to center, sweet, rich, good flavor. Season medium to late. One of the most productive and holds its size well to end of season.

Haverland. (P) (M) A fine grower, very productive. One of the leading market sorts. Berries uniform, long, medium size and quality. By mail, 10 for 45 cts.; 100 for \$1.35.

Jessie. (M) A large, handsome, dark red berry. Strongly staminate; a fine fertilizer for such varieties as Bubach. By mail, 10 for 45 cts.; 100 for \$1.35.



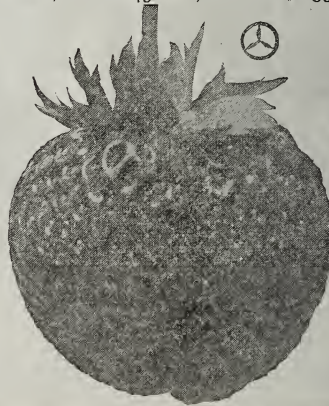
Brandywine



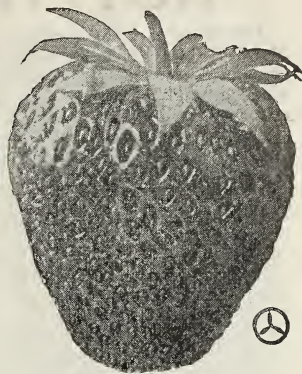
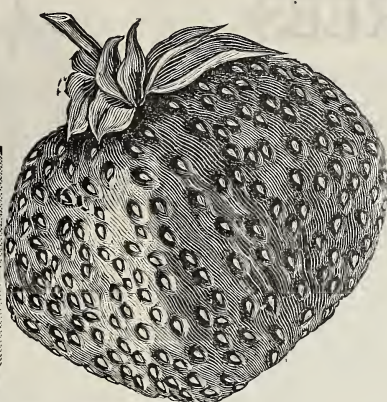
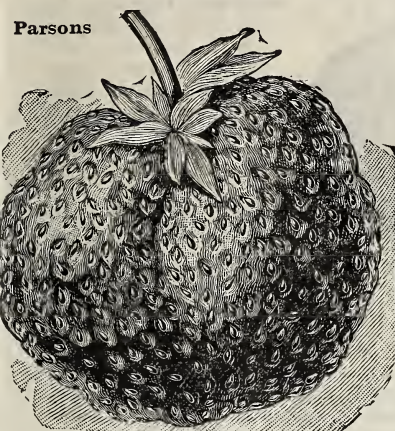
Dunlap



Glen Mary



Frances E. Willard



Ryckman

Sample

STRAWBERRIES (Continued)

Marshall. (E) An exceedingly handsome, high colored, very large berry of extra fine flavor; ripening early. Plant very strong, with high culture producing heavy crops. By mail, 10 for 45 cts.; 100 for \$1.35.

Messenger. A new berry ripening with the earlies and continuing for a long season. Of extra large size, well colored, and very firm making it a good shipper; of excellent flavor, a good market or home table berry. The plants are exceedingly vigorous, the foliage clean and healthy. By mail, 10 for 60 cts.; 100 for \$1.60.

Parsons. (M) Makes a fine large plant, very free from rust, exceedingly productive. Berries large, bright red, conical, firm. Mid-season. For several seasons one of the best paying sorts in this section.

Pittsville. A new mid-season variety beginning to ripen about the same time as Dunlap which it resembles in some respects, but is not so dark and is firmer, making it a good shipper. Holds its large size from first ripening until the last picking. The plant is large and healthy; very deep rooted, making it a good one to plant in dry soils. By mail, 10 for 60 cts.; 100 for \$1.60.

Ryckman. One of the largest growing, heaviest rooted, strongest plants among strawberries. Long fruit stalks holding fruit well above ground. Very large, ripening early; beautiful light red without white tip; conical shape, fine flavor. In the front rank of strictly big berries.

Sample. (P) (L) One of the standard sorts for both home and market, and seems to succeed nearly everywhere. Plants strong, large and healthy, producing in profusion large dark colored berries of uniform size and color, firm enough to ship well.

Stevens. (L) This variety makes an abundance of strong plants with good foliage that protect blossoms and fruit from frost. Berries are long and uniform in size; color good red, and firm enough for shipment, as it is one of the very best to hold up after picking. Its season to ripen is about the same as Gandy.

By mail, 10 for 45 cts.; 100 for \$1.35.

Warfield. (P) (M) Its great beauty, firmness, earliness, good flavor, productiveness and vigor make it exceedingly popular. Ripens with Crescent.

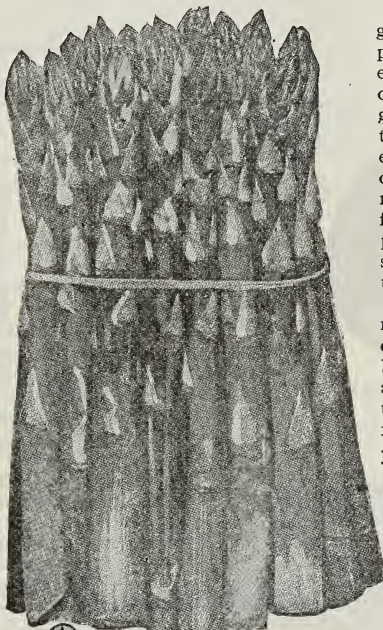
By mail, 10 for 45 cts.; 100 for \$1.35.

Wm. Belt. (M) A large, handsome, productive berry for market or home use. Vigorous, thrifty, heavy plant producing large crops under good common matted row culture. Berries extra large, conical, quite uniform in shape, brilliant glossy red, ripens all over without green tips, good quality, carries well to market and brings highest price. One of the best varieties.

ASPARAGUS

PRICE OF ASPARAGUS.

	Per 10	Per 100	Per 1000
Conover and Palmetto, 1 year.....	\$.40	\$1.00	\$8.00
“ “ “ 2 years.....	.60	1.50	10.00
Bonvallet and Barr, 1 year.....	.60	1.50	10.00
“ “ “ 2 years.....	.75	1.75	12.00



Palmetto Asparagus

No family garden is complete without its established bed of Asparagus; gives greatest returns for least expense and care of any permanent garden feature. In planting, make soil rich; dig trench; set 12 to 18 inches apart, roots spread out, crown 2 inches below surface; and tamp in returned soil firmly.

Bonvallet's Giant. The most vigorous and healthy of all, withstanding rust better than any other variety. In color the shoots are purple tinged when grown

in the usual way, but are pure white when planted and cut deep. Yields much longer in season than most kinds, as its crown does not divide. Flavor finest. By mail, 50 for \$1.25; 100 for \$2.00.

Barr. The stalks are very large, frequently one inch in diameter, with few scales; retain their thickness completely up to the top of the shoots; and have close, round heads. By mail, 50 for \$1.25; 100 for \$2.00.

Conover. A standard variety of large size, tender and excellent quality. By mail, 50 for \$1.00; 100 for \$1.50.

Palmetto. A very early variety; even regular size, of excellent quality. By mail, 50 for \$1.00; 100 for \$1.50.

NUT TREES

Almost every farm contains land that should be planted to nut trees adapted to the soil. Nuts in many cases pay better than farm crops or fruits, while most kinds are making a growth of valuable timber that will of itself pay a large percent on the investment.

PRICE OF NUTS.		Each	Per 10	Per 100
Butternuts, 3 to 4 feet.....		\$.75	\$6.00	.....
" 2 to 3 feet.....		.60	5.00	.....
Chestnut, American Sweet, 6 to 8 ft.....		1.00	9.00	\$80.00
" " " 5 to 6 ft.....		.85	7.50	60.00
" " " 4 to 5 ft.....		.60	5.00	40.00
" " " 3 to 4 ft.....		.50	4.00	30.00
" " " 2 to 3 ft.....		.35	2.50	20.00
" Japan, 2 to 3 feet.....		.85	7.50	.....
" Ridgeley, 4 to 5 feet (t.w.).....		2.00	.....	.....
" Spanish, 3 to 4 feet.....		.85	7.50	.....
" " 2 to 3 feet.....		.70	6.00	.....
Filberts, English, 3 to 4 feet.....		.85	7.50	.....
" " 2 to 3 feet.....		.70	6.00	.....
Hickory, 2 to 3 feet.....		1.50	12.50	.....
" 1½ to 2 feet.....		1.25	10.00	.....
Pecans, 1½ to 2 feet.....		.90	8.50	.....
Walnut, Black, 4 to 5 feet.....		.90	8.00	.....
" " 3 to 4 feet.....		.75	6.00	.....
" Japan—Sieboldi and Max				
Cordiformis, 4 to 6 feet.....		1.00	9.00	.....
" " 3 to 4 feet.....		.90	8.00	.....
" " 2 to 3 feet.....		.70	6.00	.....
" English, 2 to 3 feet.....		1.10	10.00	.....
" " 1½ to 2 feet.....		.85	7.50	.....



Hickory

large tall tree, producing its thin shelled delicious nuts in profusion. Mail size, 60 cts.; \$1.50 for 3.

WALNUTS

Black. A native tree of large size and majestic form, beautiful foliage. The most valuable of all trees for its timber, which enters largely into the manufacture of fine furniture and cabinet ware, and brings the highest price in market. Tree a rapid grower, producing a large round nut of excellent quality.

English. Where hardy it produces immense crops of thin-shelled delicious nuts, which are always in demand at good prices; fruit in green state is highly esteemed for pickling. Will not grow in the North.

Japan, Max Cordiformis. Differs from Sieboldi in form of nuts, which are broad-pointed, flattened, resembling Hickory. Mail size, 50 cts.; \$1.25 for 3.

Japan, Sieboldi. Perfectly hardy, rapid grower, handsome form, immense leaves; bears young and abundantly. Nuts produced in clusters; resembles Butternut in shape and quality; smaller; smooth and thinner shell. Mail size, 50 cts.; \$1.25 for 3.



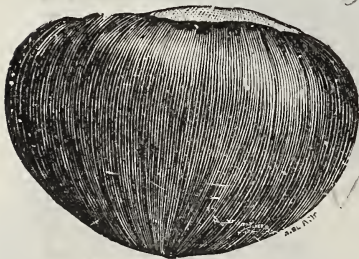
American Chestnut

of fair quality when outside skin is removed. Mail size, 50 cts.; \$1.25 for 3.

CHESTNUTS

American Sweet. A native tree both useful and ornamental; timber is very durable, and possesses a fine grain for oil finish. Nuts sweet, of delicate flavor; are a valuable article of commerce. No farm should be without its grove of nut-bearing trees, and the chestnut should be foremost wherever the soil is adapted to its growth.

Japan. Very distinct from all other chestnuts; dwarf grower, productive, usually producing nuts when two or three years old. Nuts of immense size, surpassing all other kinds;



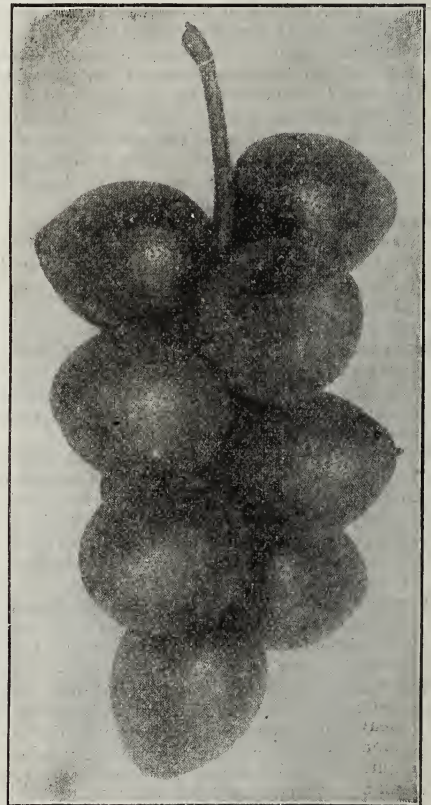
Spanish Chestnut

prices. \$25.00 have been realized off one fruiting from nuts of a single tree. Not so sweet as the American and tree not so hardy.

MISCELLANEOUS NUTS

Butternut or White Walnut. Native tree, producing a large nut. Has a sweet, oily, nutritious kernel.

English Filbert. Of easiest culture, growing 6 to 8 feet high, entirely hardy, and one of the most profitable and satisfactory nuts to grow, succeeding on almost all soils, bearing early and abundantly; nuts nearly round, rich and of excellent flavor, admired for the dessert.



Fruit Cluster of Japan Walnut Sieboldi



THE STORRS & HARRISON CO.'S HARDY ORNAMENTAL TREES

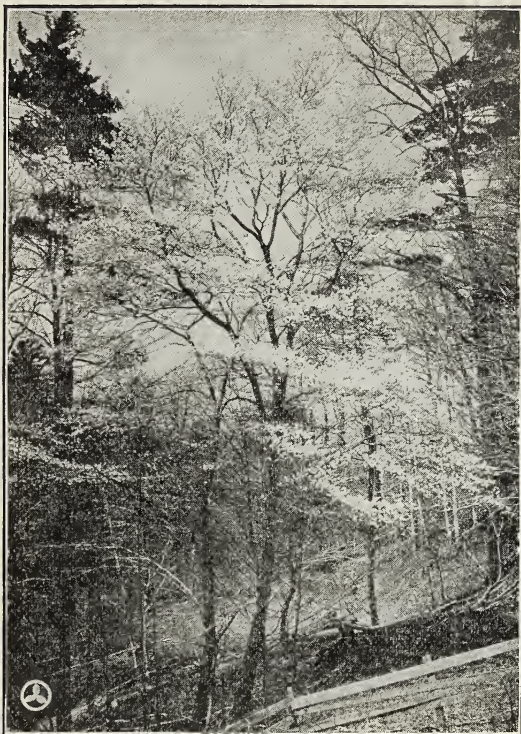
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This section of our Nursery business requires over two hundred acres of land, distributed in immense, solid blocks to whatever variety of soil is best adapted for each particular kind of tree. A visit to the Ornamental section of our plantation is always a pleasure and education to those of our friends who live near enough to make the trip. We grow other classes and varieties of trees than are listed in this book, fully described in our Descriptive Catalogue No. 1, which we will mail upon application and receipt of ten cents.

The succeeding lists represent the most favored trees for lawn adornment, and the best types for street and grove plantings. **We will be pleased to quote prices** to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list state definitely the number of each variety and size wanted.

We are always pleased to allow personal selection by our customers of particular ornamental trees, but in no such case will listed prices apply.

Five or more of one kind and size, at ten rate: twenty-five or more at hundred rate.



Amelanchier or "Shad-Blow"

AMELANCHIER. (Juneberry, Shad-Blow.) Graceful, slender form, white in April, with drooping snowy flowers; small edible purple fruit in June. 2 to 3 feet, 60 cts.; 10 for \$5.00. 3 to 4 feet, 75 cts.; 10 for \$6.00. 4 to 5 feet, \$1.00; 10 for \$8.50.



Ailanthus or "Tree of Heaven"

DECIDUOUS TREES

AILANTHUS. (Tree of Heaven.) An extremely rapid grower with palm-like leaves. Thrives in city lots exposed to gas and smoke, and in soils where most other trees perish.

	Each	Per 10	Per 100
4 to 6 feet.....	\$.95	\$8.50	\$75.00
6 to 8 feet.....	1.00	9.50	85.00
8 to 10 feet.....	1.75	15.00	.....

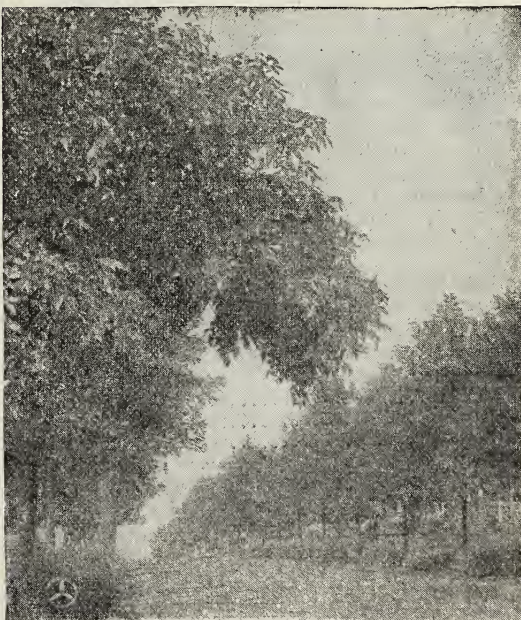
Selected specimens, \$2.00 to \$4.00 each.

ALDER, European. Well adapted to damp and moist situations. Fast growing with round wavy foliage. 6 to 8 feet, \$1.25; 8 to 10 feet, \$1.50.

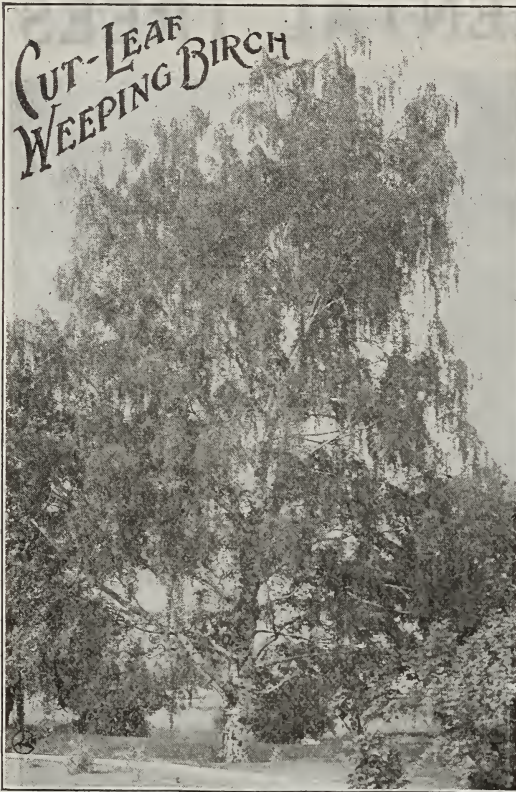
Alder, Imperial Cut-Leaved. One of the best lawn trees, medium size, graceful habit, large, deep-cut foliage. 6 to 8 feet, \$2.00; 8 to 10 feet, \$2.50.

ARALIA, Japonica. Handsome small tree. Foliage immense, finely divided; flowers in large white spikes in July. 4 to 6 feet, 75 cts.; 10 for \$6.50. 6 to 8 feet, \$1.00.

Aralia, Spinosa. (Hercules Club.) Broad handsomely cut leaves, huge clusters of white flowers in July. 4 to 6 feet, 75 cts.; 10 for \$6.50. 6 to 8 feet, \$1.00.



The White Ash as a Street Tree (See page 162)



ASH

European. Large, spreading tree of rapid growth, darker foliage than the American. 10 to 12 feet, \$1.75.

European Weeping. Grafted on tall stems this tree spreads into a pretty green tent of shade, making it a distinct and beautiful ornament to the lawn. One of the best for forming arbors and shady seats. \$2.00.

Gold Bark. (Weeping.) Similar to the former, but with bright yellow branches; an effective contrast when planted in front of large evergreens. \$2.00.

Flowering. Small and neat-growing, with terminal panicles of fringe-like, greenish white flowers in May or June. 6 to 8 feet, \$1.25.

Globe-headed. Top-worked on stems 6 to 8 feet high, this makes a magnificent, compact, globe-shaped head. A fine ornament for any lawn. 1 year heads, \$2.50.

American White. A tall rapid grower, smooth gray bark and glossy leaves. For parks and streets.

Green. A handsome medium size tree with slender branches forming a round topped head.

White and Green—	Each	Per 10	Per 100
6 to 8 feet.....	\$.80	\$ 7.00	\$ 60.00
8 to 10 feet.....	1.25	10.00	85.00
10 to 12 feet.....	1.50	12.50	100.00

Larger selected, \$2.00 to \$4.00 each.

BIRD CHERRY

Prunus Padus. A handsome flowering tree, bearing long clusters of white flowers in May, followed by bright red fruit, much beloved by birds. It is one of the earliest trees to leaf out in the spring. 4 to 6 feet, 85 cts.; 6 to 8 feet, \$1.00.

BEECH

American. Our noble native forest tree, with silvery bark, fine, spreading growth and symmetrical, rounded head. Especially attractive in spring with the tender, delicate green of its leaves and pendant flowers. Pure yellow in fall. 2 to 3 feet, \$1.25; 10 for \$10.00. 3 to 4 feet, \$1.75; 10 for \$15.00.

European. More compact grower with larger foliage than the American, medium growth. Valuable for groups and screens. 3 to 4 feet, \$1.75; 10 for \$15.00. 4 to 6 feet, \$2.00.

Purple-Leaved. (River's Grafted.) Makes an elegant medium size tree for the lawn; the foliage in the spring is a deep purple, later changing to crimson, and in autumn a dull, purplish green. 3 to 4 feet, \$2.50. 4 to 5 feet, \$3.50.

Tricolor. A charming form with deep purple leaves, margined with rose. Give a sheltered position. 3 to 4 feet, \$4.00.

Weeping. A large, luxuriant tree of curious, irregular growth. Its sparkling masses of foliage are swept by tortuous branches into fountain-like masses of green; wonderfully rich and graceful in effect. 4 to 6 feet, \$3.00.

Fern-Leaved. An elegant dwarf variety of the English Beech, with delicately cut leaves and slender, drooping young shoots that give it a singularly airy and graceful wavy aspect. Forms a most ornamental addition to the lawn. 3 to 4 feet, \$3.50.

BIRCH

American White. A rather small tree with smooth white bark and handsome foliage. Very effective when planted in front of evergreens, to afford strong contrast. 6 to 8 feet, \$1.75; 8 to 10 feet, \$2.50.

Canoe or Paper. A large, vigorous, upright tree with broad, handsome leaves and brilliant white bark. 6 to 8 feet, \$1.75.

Purple-Leaved. A handsome white barked tree with dark purple leaves which contrast beautifully with the bark. 3 to 4 feet, \$1.50; 4 to 5 feet, \$2.00.

Pyramidal. Of tall columnar habit like the Lombardy Poplar, white bark. 4 to 6 feet, \$2.00.

Cut-Leaved Weeping. One of the most elegant of all weeping or pendulous trees. Its tall, slender, yet vigorous growth, graceful drooping habit, silvery white bark and delicately cut foliage presents a combination of attractive characteristics rarely met with in a single tree. Very popular for single lawn specimens or groups of three or four trees; the white bark of trunk and twigs gleaming conspicuously among the darker greens and browns.

	Each	Per 10
5 to 6 feet.....	\$1.25	\$10.00
6 to 8 feet.....	1.50	12.50
8 to 10 feet.....	2.50	.....

Mail size, \$1.00.

European White. (Scotch.) Similar to the American or Canoe Birch, with slender branches and silvery bark. After a few years growth assumes a graceful weeping habit, adding greatly to its beauty.

4 to 6 feet—90 cts. each; 10 for \$8.00.

6 to 8 feet—\$1.25 each; 10 for \$10.00.

8 to 10 feet—\$1.75 each; 10 for \$15.00.

Yellow. Large native tree, with fine leaves and yellowish gray bark. 6 to 8 feet, \$1.75.

Young's Weeping. Of naturally trailing growth, with long, slender shoots of picturesque irregular form. Grafted on good stems, it forms one of our handsomest dome-shaped trees, 4 to 6 feet, \$2.50.

Selected specimens—Canoe, Eup. White and Cut Lf. Wp., \$3.00 to \$6.00 each.

**Catalpa Bungei****CATALPA****PRICE OF CATALPAS.**

	Each	Per 10	Per 100
Speciosa, 6 to 8 feet.....	\$.75	\$ 6.50	\$ 60.00
" 8 to 10 feet.....	.90	8.50	75.00
" 10 to 12 feet.....	1.25	10.00	.....

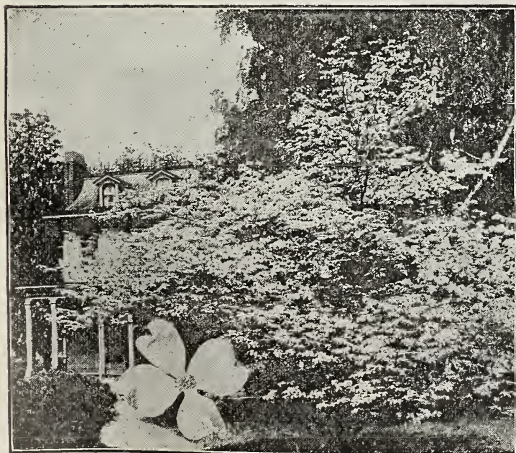
Larger specimens, \$2.00 to \$5.00 each.

Bungei, Grafted, 5 to 6 feet.....	1.50	12.50	.....
" 6 to 8 feet.....	1.75	15.00	.....
" Dwarf, 3 to 4 feet.....	1.00	8.50	.....

Catalpa Bungei. (Umbrella Catalpa.) Grafted on stem 6 to 8 feet high, it makes an umbrella-shaped top without pruning. Perfectly hardy, and flourishes in almost all soils and climates. Leaves large, glossy, heart-shaped, deep green, lying like shingles on a roof; always making a symmetrical head. One of the most unique trees; desirable for lawn, park and cemetery planting.

Dwarf Bungei. Worked low; making a handsome dwarf specimen, with all the wealth of green foliage found in the standard form, clear to the ground.

Catalpa Speciosa. One of the most rapid growers. Valuable for timber, fence posts, railroad ties, etc., possessing wonderful durability. Large, heart-shaped, downy leaves, and compound panicles of white flowers, tinged with violet and dotted with purple and yellow. Very ornamental and useful.

**Cornus Florida****FLOWERING CHERRIES**

Double White. A charming small tree with branches completely covered with a mass of large double white flowers in May. 4 to 6 feet, \$1.50.

Double Pink. (C. Sieboldi.) Semi-double flowers, white tinged with red. 4 to 5 feet, \$1.25; 5 to 6 feet, \$1.75.

Japan Weeping. A weeping form worked on 4 to 6 feet stems, the pendulous limbs drooping to the ground. A beautiful object when covered with its rosy masses of bloom in early spring. \$2.50 each.

Rhexi, fl. pl. A pretty dwarf tree with rose-like double white flowers, completely covering the tree in May. 3 to 4 feet, \$1.00. 4 to 6 feet, \$1.50.

FLOWERING CRABS

Coronaria. (Wild Crab Apple.) A pretty, round-headed tree, with spiny branches and attractive heart-shaped, serrated leaves. The opening leaf buds show a ruddy bronze, passing to rich green and turning back in autumn to bronze and yellow. Clustered rose-pink flowers, and yellowish fruit, fragrant, waxy and translucent. 3 to 4 feet, \$1.00.

Bechtel's. Makes a medium-sized tree; perfectly

Bechtel's Crab

hardy, succeeds well in all soils not extremely wet. When in bloom appears to be covered with delicate pink, perfectly doublesmallroses of delicious fragrance. The only sweet-scented Double Crab.

3 to 4 feet, \$1.25; 10 for \$10.00. 4 to 5 feet, \$1.50; 10 for \$12.50. Mail size, 60 cts.; 3 for \$1.50.

Atrosanguinea. Makes a beautiful contrast to the other varieties by reason of its darker red flowers. The buds are deep purplish red, and the entire flower tinged purplish. 4 to 5 feet, \$1.25.

Floribunda. A large shrub or small tree, often thorny, with rose-red flowers borne in great profusion in May. The fruit is red and very small, on long stems. 4 to 5 feet, \$1.25.

Parkmani. (Halliana.) An elegant Japanese dwarf with long-stemmed, semi-double flowers of deep rose color wreathing its branches. The buds are long and handsome. 2 to 3 feet, \$1.25.

CORNUS (The Dogwoods)

CORNUS Florida. (White Flowering Dogwood.) Flowers white, 3 to 3½ inches in diameter, produced in spring before leaves appear; very abundant, showy and durable. Foliage grayish green, glossy and handsome; in the autumn turns to deep red, making the tree one of the most beautiful at that season. Spreading, irregular form, growing 20 to 25 feet high. 3 to 4 feet, 85 cts.; \$7.00 per 10. 4 to 5 feet, \$1.25; 10 for \$10.00.

Cornus Florida Rubra. (Red Flowering Dogwood.) A rare variety, similar to above, with handsome red flowers. 2 to 3 feet, \$1.25; 10 for \$10.00. 3 to 4 feet, \$1.75; 10 for \$15.00



The noble American Elm

THE ELMS

PRICE OF ELMS.		Each	Per 10	Per 100
American, 6 to 8 feet.....		\$1.00	\$8.50	\$75.00
" 8 to 10 feet.....		1.25	10.00	90.00
" 10 to 12 feet.....		1.75	15.00	125.00
Camperdown Weeping.....		2.25		
English, 6 to 8 feet.....		1.25	10.00	
" 8 to 10 feet.....		1.75	15.00	
" 10 to 12 feet.....		2.25	20.00	
Globosa, 4 to 6 feet, 1 year heads..		3.50		
Wheatleyi, 8 to 10 feet.....		1.50		
" 10 to 12 feet.....		2.25		
Scotch, 6 to 8 feet.....		1.00	8.50	
" 8 to 10 feet.....		1.25	10.00	
" 10 to 12 feet.....		1.75	15.00	
Selected specimens, \$3.00 to \$6.00 each.				

American. A noble native tree of large size, wide spreading head and graceful drooping branches. One of the grandest park and street trees.

Camperdown. Its vigorous, irregular branches, which have a uniform weeping habit, overlap so regularly that a compact, roof-like head is formed. Leaves are large, glossy, dark green. A strong vigorous grower. The finest Weeping Elm and one of the best weeping trees.

English. More densely branched than American, and not quite so tall with smaller, darker leaves, retained longer in autumn. The branches project from the trunk almost at right angles.

Globosa. A handsome form of the English Elm, with a dense, dark-leaved, globe shaped head, top-worked on 4 to 6 feet stems.

Wheatleyi. A choice, medium size variety for lawn specimens; of compact upright habit and richly dark green foliage.

Scotch Elm. A rapid-growing spreading tree, with large, rough, dark green leaves. One of the best for avenue planting.

EVONYMUS EUROPAEUS. (European Spindle Tree.) A large shrub or small tree, growing to 15 feet. In spring it is covered with a wealth of bright yellow flowers in nodding clusters, followed by brilliant rose-colored berries, which hang in clusters from the branches till mid-winter. The leaves color a beautiful crimson-scarlet in fall. Stems and leaves are always a dark, polished green. 3 to 4 feet, 65 cts.; 10 for \$5.00. 4 to 6 feet, 90 cts.; 10 for \$7.50.

HACKBERRY. Its light green leaves are glossy, pointed, almost entirely free from insects; the branches spread horizontally, forming a wide, elm-shaped head of medium size. Vigorous, hardy and healthy, thriving in all soils. 6 to 8 feet, \$1.00.

HONEY LOCUST. A large, vigorous tree, with wide-spreading branches, feathery, fern-like leaves, and a stout armament of thorns. Makes a fine defensive hedge. 4 to 6 feet, 75 cts. 1 year, 12 to 18 inches, \$1.25 per 100; \$10.00 per 1000.

Thornless Honey Locust. (Inermis.) A handsome tree of slender habit, almost spineless, and therefore more suitable for lawns. Size and fruit same as the former. 4 to 6 feet, \$1.00.

HORSE CHESTNUTS

Dwarf. A handsome dwarf species of Horse Chestnut that forms a broad, round bush of deep green, beautiful with upright spikes of white flowers in mid-summer. A most effective and striking shrub. 2 to 3 feet, \$1.50.

White Flowering. The well-known European species; very handsome with magnificent spikes of white flowers borne in great profusion, and sweetly scented. As a lawn tree it is most attractive; furnishes an even spread and dense shade. Mail size, \$1.00. 5 to 6 feet, \$1.50; 6 to 8 feet, \$2.00; 8 to 10 feet, \$2.50. Selected specimens, \$3.50 to \$7.50 each.

Double White Flowering. Superb variety, 60 to 80 feet tall, with large panicles of double flowers, like Hyacinth trusses in effect. Has no nuts to litter the lawn. 5 to 6 feet, \$2.50; 6 to 8 feet, \$3.00.

Red Flowering. A somewhat smaller tree, rarely over 30 feet high, with darker leaves and splendid showy red flower-spikes opening a little later. Fine for contrasting with the white-flowered. 4 to 6 feet, \$3.00.



An old Camperdown Weeping Elm



IRONWOOD. (Hop Hornbeam.) A graceful, birch-like tree of small to medium size, rarely over 30 feet, and slow growth. The bark is beautifully furrowed, the fruits clustered like hops. Valuable for dry situations. 4 to 6 feet, \$1.50.

JUDAS TREE. (Red Bud.) A small growing tree of irregular form, with heart-shaped leaves. It is covered with delicate pink blossoms early in spring before the leaves appear. 4 to 5 feet, 90 cts.; 10 for \$7.50. 5 to 6 feet, \$1.25; 10 for \$10.00.

KOELREUTERIA Paniculata. (Varnish Tree.) A rare tree, 25 to 30 feet high, showy in July, when spangled with foot-long clusters of golden yellow flowers and in autumn when foliage colors to crimson and gold. 3 to 4 feet, 85 cts.; 10 for \$7.50. 4 to 5 feet, \$1.00; 10 for \$9.00.

SCOTCH LABURNUM. ("Golden Chain.") This charming small tree, which rarely grows over 20 feet tall, takes its familiar name from the long racemes of golden yellow flowers with which it is radiant in June. It is of picturesquely irregular growth, and has glossy pinnate leaves. Prefers a somewhat sheltered situation. 3 to 4 feet, \$1.00.

EUROPEAN LARCH. A tall and handsome deciduous conifer, with tapering trunk and pyramidal head. Particularly beautiful in early spring, when covered with soft and feathery foliage of a delicate green. Its plummy foliage and drooping twigs give it a very graceful effect. 4 to 6 feet, \$1.25.

LIQUIDAMBAR. (Sweet Gum.) A narrowly ovate head, formed of short, corky-winged branches and masses of star-shaped, lustrous leaves that color to intense crimson-scarlet in fall; picturesque in winter with its odd swinging seed balls and corkwinged branches. 4 to 6 feet, \$1.50; 10 for \$12.50.

LOCUST, Black. A native tree of large size, and rapid growth. Flowers in long white racemes, very fragrant. Valuable for timber. 1 year, by mail, 15 cts.; 10 for 50 cts.; 100 for \$2.00. By express or freight, 1 year, \$1.00 per 100; \$8.50 per 1000. 4 to 6 ft. 50 cts.; 10 for \$4.00. 6 to 8 ft, 60 cts.; 10 for \$5.00.

LINDENS

American. A stately tree, growing 60 to 80 feet tall, with large, shining cordate leaves. Valuable for its beautiful white wood. Its flowers appear in July. Each Per 10

8 to 10 feet.....\$1.75 \$15.00
10 to 12 feet.....2.00 17.50

European. A fine pyramidal tree, with large leaves and fragrant flowers. Largely used for street and ornamental planting, developing into beautiful specimens. Each Per 10

6 to 8 feet.....\$1.10 \$10.00
10 to 12 feet.....2.00 17.50

Silver. (European White-Leaved.) A vigorous tree; medium size, pyramidal form. Its handsome form, growth and foliage make it one of the finest ornamental trees. 6 to 8 feet, \$2.00; 8 to 10 feet, \$2.50.

Selected specimens above Lindens, \$3.00 to \$5.00 each.

Weeping. (White-Leaved.) An elegant medium-sized tree, 50 to 75 feet tall, of gracefully pendulous habit, that holds its large, silver-lined leaves through the season. 4 to 6 feet, \$2.50.

MAGNOLIAS

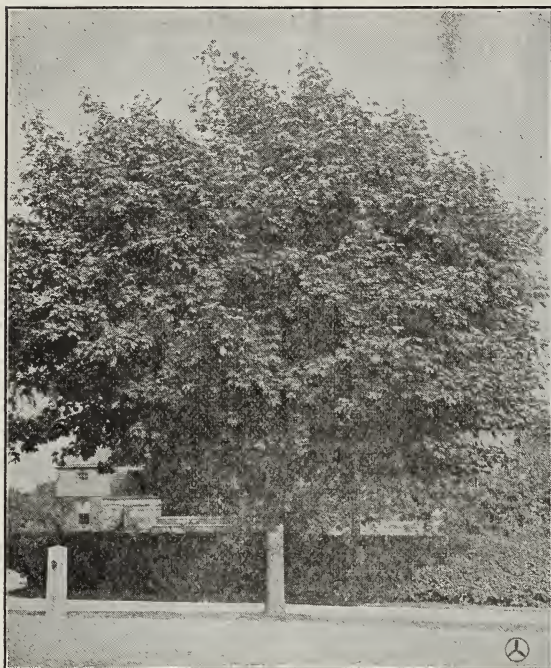
Acuminata. (Cucumber Tree.) The tallest of all the species, growing rapidly into a fine pyramidal tree 60 to 90 feet high. In midsummer, large creamy white blossoms appear among its deep green leaves, and large, cucumber-shaped fruits that turn bright crimson succeed them. 4 to 6 feet, \$1.50. 6 to 8 feet, \$1.75.

Glauca. (Sweet Bay.) When planted in moist soil this makes a handsome tree, 30 to 40 feet high. Its leaves are glossy, laurel-like, almost evergreen. In June its pure white flower cups are lovely and fragrant. 3 to 4 feet, \$2.00; 10 for \$17.50. 4 to 5 feet, \$2.50; 10 for \$22.50.

Tripetala. Named from the whorled arrangement of its great, glossy leaves. The white flowers, also of great size, open in June and are followed by rose-colored fruit cones. Tree grows to 40 feet. 4 to 6 feet, \$2.00; 6 to 8 feet, \$2.50.



European Linden



Norway Maple

MAPLES

Probably no shade tree is so well known, more generally planted or so popularly loved as the Maple in its varied, but altogether charming and useful types.

PRICE OF MAPLES.			
	Each	Per 10	Per 100
Ash-leaved, 6 to 8 feet.....	\$.85	\$7.50	\$70.00
" 8 to 10 feet.....	1.00	9.00	75.00
" 10 to 12 feet.....	1.50	12.50	100.00
Colchicum Rubrum, 4 to 6 feet...	1.50	....	....
European(Cork-barked), 4 to 6 ft.	1.50	....	....
" 6 to 8 ft.	2.00	....	....
Japan Atropurpureum, 2 to 3 feet.	3.50	....	....
" Dissectum, 1½ to 2 ft., bushy	3.50	....	....
" 2 to 3 ft., bushy	5.00	....	....
Norway, 6 to 8 feet.....	1.50	12.50	110.00
" 8 to 10 feet.....	1.75	15.00	135.00
" 10 to 12 feet.....	2.00	17.50	160.00
Scarlet, 6 to 8 feet.....	2.25	....	....
Schwedleri, 6 to 8 feet.....	2.25	20.00	....
" 8 to 10 feet.....	2.75	22.50	....
" 10 to 12 feet.....	3.50	32.50	....
Silver-leaved, 6 to 8 feet.....	.85	7.50	65.00
" 8 to 10 feet.....	1.00	9.00	85.00
" 10 to 12 feet.....	1.50	12.50	115.00
Sugar or Rock, 8 to 10 feet.....	1.75	15.00	....
" 10 to 12 feet.....	2.00	17.50	160.00
Sycamore, 6 to 8 feet.....	1.50	12.50	....
" 8 to 10 feet.....	2.00	17.50	....
" Purple-leaved, 8 to 10 feet.	2.50	....	....
Tartarian Ginnala, 2 to 3 feet...	1.00	....	....
" 3 to 4 feet.....	1.25	....	....
Wier's Cut-leaved, 6 to 8 feet....	1.25	10.00	80.00
" 8 to 10 feet....	1.50	12.50	100.00
" 10 to 12 feet....	2.00	17.50	150.00

Can furnish select large size specimen trees of most varieties of Maples at from \$3.00 to \$7.50 each.

Ash-Leaved. (Box Elder.) A fine, rapid-growing variety; with handsome, light green foliage and spreading head, very hardy; desirable for street planting and succeeds in many sections where other varieties do not thrive.

Colchicum Rubrum. Not a large tree, but of perfectly oval shape with handsome 5 to 7 lobed leaves which are deep blood-red at time of unfolding.

Cork Barked. Rather a small tree, with dark, dull green leaves, fading to brown and yellow. Has corky ridges on the branches. Very interesting when grown as a large shrub.

Japan Maples. Dwarf trees of picturesque formation and beautifully lobed, large leaves. We offer the **Atropurpureum**, richly colored purplish red; and **Dissectum** with finely cut bright colored foliage.

Norway. Native of Europe; a large handsome tree, with broad, deep green, shining foliage. Very desirable for street, park or lawns. The Norway Maple characteristically makes the roundest head; is colored the deepest coolest green; and furnishes the densest shade of the entire list of good trees.

Silver. A hardy, rapid-growing native tree of large size. Valuable for producing a quick shade. Mail size, 25 cts.; 10 for \$1.50.

Scarlet or Red. A large tree with spreading branches. The earliest Maple to bloom, its beautiful red flowers appearing in late winter. In the fall, its leaves turn to the most brilliant shades of red and scarlet.



Schwedleri Maple

Schwedleri. The Purple Norway Maple's beautiful leaves attract attention at all seasons, but are especially fine in spring, when their gleaming red and purple contrasts brightly with the delicate green of other trees. In mid-summer they are purplish green, in autumn golden yellow.

Sugar or Rock Maple. Chieftain of its clan; straight, spreading, symmetrical, of grand proportions, often 120 feet in height, and longer lived than most men who plant it. It grows well in all except damp, soggy soils, and roots deeply, allowing the grass to grow close about its trunk. Its bold leaves have very rich autumn tints of yellow and scarlet.

Sycamore Maple. A broad, handsome tree of medium size, rarely over 60 feet high, with larger, darker leaves than other Maples. Casts a dense, cool shade.

MAPLES (Continued)

Purple-Leaved Sycamore Maple. A purplish tone is imparted to the tree by the purple under-surface of its leaves, the effect being very fine when the leaves are in motion.

Tartarian Ginnala. (Siberian Maple.) More like a large shrub, with three-lobed leaves and flowers in long panicles. Foliage turns bright red in autumn. Sometimes used as a substitute for the Japanese Maples.

Wier's Cut-Leaved. A silver Maple with remarkable and beautifully dissected foliage. Of rapid growth; shoots slender and drooping; giving it a very graceful appearance.

MOUNTAIN ASH



European. Hardy tree; head dense and regular, beautiful fern-like green foliage; covered from July till winter with clusters of bright red berries. The combination of foliage and clustered fruits makes this one of the most striking and beautiful trees that grow. 5 to 6 feet, 85 cts.; 10 for \$7.50. 6 to 8 feet, \$1.00; 10 for \$8.50.

Oak-Leaved. Dark lobed, oak-shaped leaves, downy beneath. Produces berries freely. 4 to 6 feet, \$1.25; 10 for \$10.00.

ORNAMENTAL MULBERRIES

Tea's Weeping. The most graceful and hardy weeping tree in existence. Forms a perfect shaped head, with long, slender, willowy branches, drooping to the ground. In light, airy gracefulness, delicacy of form and motion, it is without a rival. It has beautiful foliage, is hardy, safe and easy to transplant. Admirably adapted for small or large grounds, or for cemetery planting. \$2.50.

Meehan's Globe. An entirely new introduction as hardy as Tea's Weeping, making a globe-shaped head of similar form to Catalpa Bungei, better and more attractive than that well-known tree. 2 year, grafted, \$2.50 each.



Pin Oak

THE OAKS

Bur or Mossy Cup. Of massive, open growth, 80 to 120 feet high, with moss-fringed acorns, large, heavy leaves and deeply corrugated bark. 6 to 8 feet, \$2.50.

Black. A tall shapely tree with round topped head. Leaves shining dark green turning to orange and dull red in autumn. A handsome tree. 4 to 6 feet, \$1.75. 6 to 8 feet, \$2.50.

Pin. Almost pyramidal in habit, and described as half-weeping when old, because its lower branches touch the ground. It grows faster and develops the family characteristics earlier than most Oaks. It grows 60 to 80 feet. The leaves are deep green, glossy, and finely divided. Orange-scarlet in fall. 4 to 6 feet, \$1.75; 10 for \$15.00. 6 to 8 feet, \$2.25; 10 for \$20.00. 8 to 10 feet, \$3.00; 10 for \$25.00.

Red. A large tree, 80 to 100 feet tall, unusually large in leaf and quick in growth. The young shoots and leaf stems are red, the foliage purplish crimson in autumn. A most beautiful object on the lawn. 4 to 6 feet, \$1.75; 10 for \$15.00. 6 to 8 feet, \$2.25; 10 for \$20.00. 8 to 10 feet, \$3.00; 10 for \$25.00.

Scarlet. A grand tree, 60 to 80 feet high, with bright green deeply cut leaves that color to sparkling red in fall. 4 to 6 feet, \$2.00 each.

Turkey. A large tree with wide spreading branches. 4 to 6 feet, \$2.00 each.

White. Grandest of its genus; spreading, towering species growing 100 feet high when fully developed, with rugged, massive trunk and branches. The deeply lobed leaves change to dark crimson in fall. 6 to 8 feet, \$2.50 each.

Selected specimens above varieties Oaks, \$4.00 to \$7.50 each.

OXYDENDRON

Arboreum. (Sourwood.) A small tree with spreading slender branches. Leaves bright green, fired in autumn with dazzling tones of scarlet. Flowers pure white in racemes resembling Lily-of-the-Valley. 3 to 4 feet, \$1.50.

PAULOWNIA Imperialis. (Empress Tree.) A splendid tree of tropical appearance, growing to 40 feet in height. Its erect panicles of handsome, lilac-purple flowers are often a foot long; the great leaves frequently measure 18 inches across, or larger, if cut back every year as in tropical bedding. 4 to 6 feet, \$1.50. 6 to 8 feet, \$2.00.

FLOWERING PEACH. Double—Red and White. A most beautiful small tree rarely over 20 feet tall; at its blossoming time in May every twig and branch bright with beautifully formed flowers, rendering the tree showy and attractive at a great distance. The habit of the two varieties is the same, the only difference being in the color of the flowers. 3 to 4 ft., 70 cts.; 10 for \$6.00. 4 to 5 ft., 85 cts.; 10 for \$7.50.

PERSIMMON, American.

This is the pucky Persimmon, the tree of which is much grown for its decorative features. It is very ornamental, with a round-topped head and handsome shining foliage. The fruit is an inch or more in diameter, orange-yellow, with a bright cheek when touched by frost. 4 to 6 feet, \$1.00. 6 to 8 feet, \$1.50.

POPLARS

Aurea. Fine golden yellow foliage, retaining its brilliancy throughout the season. Mail size, 40 cts.; 3 for \$1.00.

Balsam. (Balm of Gilead.) A remarkably rapid growing tree, with luxuriant, glossy foliage. Mail size, 40 cts.; 3 for \$1.00.

Bolleana. Similar to the well-known Lombardy Poplar in habit, but broader with leaves glossy green above, silvery beneath. Will grow to a tall spire 80 feet high.

Carolina. A vigorous, native tree of rapid growth, pyramidal in form, with large glossy leaves; valuable for quick shade. Makes a fine spreading head if well cut back the first few seasons; will grow anywhere. Mail size, 40 cts.; 3 for \$1.

Lombardy Poplar

Lombardy. Remarkable for its picturesque, tall, spire-like form, useful in landscape effects. Mail size, 40 cts.; 3 for \$1.00.

Weeping. A rather stiff, upright tree, 30 to 40 feet high, the branches of which take on a curiously zig-zag direction and droop toward the ground from a neat, round head. 2 year heads, \$1.50 each

PRICE OF POPLARS.			
	Each	Per 10	Per 100
Carolina and Lombardy, 6 to 8 ft..	\$.50	\$4.00	\$30.00
" " " 8 to 10 ft.	.60	5.00	40.00
" " " 10 to 12 ft.	.85	7.00	60.00
Aurea (Golden), 6 to 8 feet.....	.70	6.00	.....
" " " 8 to 10 feet.....	.85	7.50	.....
Bolleana (Silver-leaf), 6 to 8 feet...	.85	7.50	.....
" " " 8 to 10 feet.	1.00	9.00	.....
Balsam (Balm of Gilead) 6 to 8 feet	.40	3.50	30.00
" " " 8 to 10 feet	.60	5.00	40.00

PTELEA Trifoliata. (Hop Tree.) Small trees, 15 to 25 feet high, with glossy, trifoliate leaves that exhale a hop-like odor when bruised. This odor is even more noticeable in the seeds, which hang in light green clusters after the leaves have fallen. 4 to 6 ft., 50 cts.; 10 for \$4.00. 6 to 8 ft., 75 cts.; 10 for \$6.50.

ROSE ACACIA. (Moss Locust.) An elegant shrub, with light green pinnate leaves and long, graceful clusters of pea-shaped, rose-colored flowers in June, often throughout the summer. **Own roots** (bush shape), 2 to 3 feet, 60 cts.; 10 for \$5.00. 3 to 4 feet, 75 cts.; 10 for \$6.50. **Standard** (top worked), 3 to 4 feet, \$1.50. 4 to 5 feet, \$1.75.

SALISBURIA (Maiden Hair)



A rare, elegant tree from Japan with singular foliage, unlike that of any other tree; almost fern-like, of free growth; and every way desirable. 6 to 8 feet, \$1.25; 10 for \$10.00. 8 to 10 feet, \$1.75; 10 for \$15.00. 10 to 12 feet, \$2.50; 10 for \$22.50. Selected specimens, \$3.50 to \$5.00 each.

SASSAFRAS. A really handsome medium-sized tree, 30 to 50 feet high, with fragrant, light green foliage and bark. Its small yellow flowers are attractive in early spring, and followed later by dark blue fruits. Grows well even on thin soils. 4 to 6 feet, \$1.25. 6 to 8 feet, \$1.75.

EUROPEAN SYCAMORE



The well-known Oriental Plane. A lofty, wide-spreading tree; heart-shaped leaves; valuable for its handsome foliage and free growth. Makes a fine street tree. Mail size, 35 cts.; 3 for \$1.00. Each Per 10 Per 100

6 to 8 feet.....	\$.85	\$7.50	\$60.00
8 to 10 feet.....	1.00	8.50	75.00
10 to 12 feet.....	1.50	12.50	100.00
Larger specimens, \$2.50 to \$5.00 each.			

FLOWERING THORNS

Pink and Double White. Handsome dwarf trees with shiny leaves of attractive shape and color; blooming in profusion late in spring with compact clusters of small, double rose-like flowers. These are followed by large red fruits and rich autumnal colorings. 3 to 4 feet, \$1.00; 10 for \$8.50. 4 to 5 feet, \$1.25; 10 for \$10.00. Mail size, 50 cts.; 3 for \$1.25.

Cockspur Thorn. (*Crataegus Crus-galli*.) Widely extended horizontal branches, give it a flat-topped effect. Flowers profuse, white with tinge of red, opening in May. 3 to 4 feet, 90 cts.; 10 for \$7.50. 4 to 5 feet, \$1.00; 10 for \$9.00.

Cordata. (Washington Thorn.) Branches upright, forming a round topped head, leaves heart-shaped. Flowers white with rose-colored anthers. 2 to 3 feet, 75 cts.; 10 for \$6.00. 3 to 4 feet, 90 cts.; 10 for \$7.50.

Coccinea. Single white flowers, followed by scarlet fruits. 3 to 4 feet, 90 cts.; 10 for \$7.50. 4 to 5 feet, \$1.00; 10 for \$9.00.

TULIP TREE (Whitewood)



One of the grandest of our native trees; of tall pyramidal habit, its erect, gray bole rising to 60 feet, with broad, glossy fiddle-shaped leaves. Allied to the Magnolia, in spring its gleaming vesture of foliage is spangled with an abundance of beautiful Tulip-like flowers in primrose and orange. 4 to 6 feet, \$1.00; 10 for \$8.50. 6 to 8 feet, \$1.25; 10 for \$10.00.

YELLOW WOOD

(*Cladrastis Tinctoria* or *Virgilia Lutea*)

One of the most beautiful medium-sized native flowering trees, growing to 50 feet. It has a short trunk and wide, rounded head of handsome foliage that colors clear yellow in fall. In June it is showy and fragrant, with long, drooping racemes of pure white, pea-shaped flowers. 4 to 6 feet, \$1.75.

WILLOWS



Besides the beauty of their airy summer foliage, the Willows have a distinct value in the brightness of their bark when leaves have fallen. There are few trees that can be used to such advantage for cheery winter effects. They grow fast and are adapted to a variety of soils and uses. Frequent cutting back gives a thicker growth of bright young twigs.

PRICE OF WILLOWS.		Each	Per 10	Per 100
Babylonica, 6 to 8 feet.....	\$.60	\$5. 00	\$40. 00	
" 8 to 10 feet.....	.75	6. 00	50. 00	
" 10 to 12 feet.....	1. 00	8. 00	.....
Gold Bark, 6 to 8 feet.....	.60	5. 00	40. 00	
" " 8 to 10 feet.....	.75	6. 00	50. 00	
" " 10 to 12 feet.....	1. 00	8. 00	70. 00	
Laurel leaved, 6 to 8 feet.....	.60	5. 00	40. 00	
" " 8 to 10 feet.....	.75	6. 00	50. 00	
Royal (Silver leaf), 4 to 6 feet.....	.60	5. 00	.....
ThurLOW (Elegantissima), 6 to 8 ft. .	.60	5. 00	40. 00	
" " 8 to 10 ft. ....	.75	6. 00	50. 00	
" " 10 to 12 ft.	1. 00	8. 00	.....
Wentworth, 6 to 8 feet.....	.60	5. 00	40. 00	
" 8 to 10 feet.....	.75	6. 00	50. 00	
" 10 to 12 feet.....	1. 00	8. 00	70. 00	
Wisconsin, 6 to 8 feet.....	.60	5. 00	40. 00	
" 8 to 10 feet.....	.75	6. 00	50. 00	
" 10 to 12 feet.....	.90	7. 50	60. 00	

Gold Bark. Showy variety with golden bark of high color, making it very conspicuous during winter. A handsome tree at all seasons. Mail size, 40 cts.; 3 for \$1.00.

Laurel-Leaved. A splendid ornamental small tree, with large, glossy, laurel-like leaves, whence its name. Mail size, 40 cts.; 3 for \$1.00.

Royal or Silver. A large tree, sometimes 100 feet high with short and thick trunk and yellowish brown branches. The foliage is ashy gray and silvery, giving a white appearance to the whole tree. Mail size, 50 cts.; 3 for \$1.25.

Wentworth. One of the tall, rapid, upright growing varieties with bright red bark. Mail size, 40 cts.; 3 for \$1.00.

Babylonica. (Weeping.) A well-known and most graceful tree of large size. Its fresh, bright green tint and long, wavy branches make it very attractive. Mail size, 40 cts.; 3 for \$1.00.

ThurLOW's. (Weeping.) Larger and more spreading than the Babylonian form, and hardier, but similar in foliage and grayish green bark.

Wisconsin. (Weeping.) Similar to the Babylonica, but much hardier. Mail size, 40 cts.; 3 for \$1.00.

EVERGREEN TREES

Our Evergreens are all carefully grown, at good distances for symmetrical development, are root and top-pruned into handsome, shapely specimens that will transplant successfully to new homes with ordinary care. We pack them so that the root-fibers are well protected and will reach their destination in good growing condition.

Planting season for spring, from April 10 to May 15, depending on season and locality.

Trees dug with ball of earth about the roots and tightly sewed in burlap will stand transportation and transplanting with little risk of loss. In planting it is not necessary to remove the burlap. Place tree in properly prepared hole, cut burlap in several places, firm earth tightly about ball of roots, water, and mulch with leaves, straw or other coarse litter. **If trees are wanted balled, add** 10 cts. each for 1½ to 2 feet; 12 cts. each for 2 to 3 feet; 15 cts. each for 3 to 4 feet; 20 cts. each for 4 to 5 feet; 25 cts. each for 5 to 6 feet.

ARBOR VITÆ—Thuya

American. (White Cedar.) Erect, pyramidal habit with soft bright green foliage, dense from ground up; grows rapidly and soon forms a most beautiful hedge, for which purpose it is one of the best Evergreens—or for any other purpose. Mail size, 25 cts; 6 for \$1.25.

	Each	Per 10	Per 100
1½ to 2 feet.....	\$.75	\$6.00	\$50.00
2 to 3 feet.....	1.25	10.00	85.00
3 to 4 feet.....	2.00	17.50	.....

Compacta. (Parsons.) Dwarf, dense little trees with light green foliage, neat and attractive. Useful for beds, borders, cemeteries or low growing hedges.

	Each	Per 10
Mail size, 50 cts.; 3 for \$1.25.		
15 to 18 inches.....	\$1.00	\$8.50
18 to 24 inches.....	1.50	12.50



Arbor Vitæ Compacta in foreground.

Ellwangeriana. A low, broad pyramid with slender branches; intermediate between Ericoides and American. Mail size, 50 cts.; 3 for \$1.25.

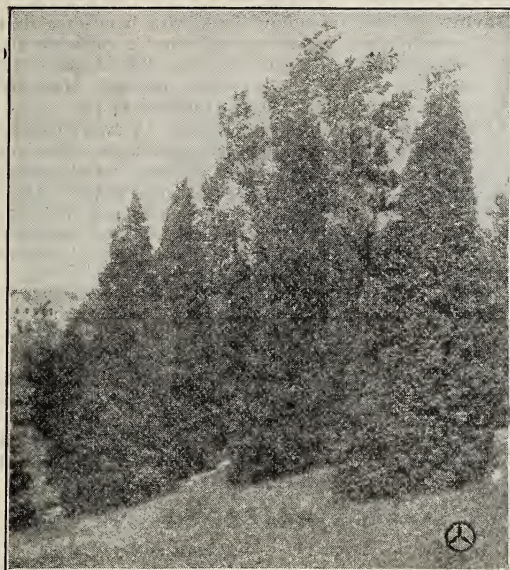
	Each	Per 10
15 to 18 inches.....	\$1.00	\$8.50
18 to 24 inches.....	1.25	10.00
2 to 3 feet.....	2.00	17.50

Ericoides. (Heath-Leaved Arbor Vitæ.) A very pretty dense little shrub of the Tom Thumb type. Mail size, 50 cts.; 3 for \$1.25.

	Each	Per 10
15 to 18 inches.....	\$.75	\$6.00
18 to 24 inches.....	1.10	9.00
2 to 3 feet.....	1.75	15.00



Ellwangers . . . (Arbor Vitæ) . . . Ericoides



Pyramidalis Dwarf Boxwood

ARBOR VITÆ (Continued)

Douglas Golden. One of the hardiest of all golden evergreens. Broad and bushy growth with long slender branches and bright yellow foliage. 1½ to 2 feet, \$2.00; 2 to 3 feet, \$3.50.

Globosa. Forms a dense, low globe; handsome shade of green. Useful in pairs or bordering walks. Mail size, 60 cts.; 3 for \$1.50. Each Per 10
12 to 15 inches.....\$1.00 \$8.50
15 to 18 inches.....1.25 10.00

Hovey's Golden. A small, hardy tree, elliptical in form and very compact. Foliage light green with a golden tinge. A very distinct, bright and pleasing shade, of value for toning up sombre greens. Mail size, 50 cts.; 3 for \$1.25; 1½ to 2 feet, \$1.00; \$8.50 per 10. 2 to 3 feet, \$2.25.

Lutea. (George Peabody.) A beautiful variety, the gold marking diffusing itself more deeply into the foliage than in any other variety of tall Evergreen. Mail size, 75 cts.; 3 for \$2.00. 1½ to 2 feet, \$2.00; 2 to 3 feet, \$3.00; 3 to 4 feet, \$4.00.

Oriental. A low, bushy tree of columnar or pyramidal habit. Native of Asia. Foliage bright green in summer, assuming tones of bronze and brown in winter. Each Per 10
1½ to 2 feet.....\$1.00 \$8.50
2 to 3 feet.....1.50 12.50
3 to 4 feet.....2.25 20.00

Pumila. A handsome dwarf; dense, perfect in form; a charming shade of green. Mail size, 50 cts.; 3 for \$1.25; 15 to 18 inches, \$1.25; 18 to 24 inches, \$1.75.

Pyramidalis. Most compact and erect of the entire species, in form almost a counterpart of the Irish Juniper. Foliage a deep green, retaining color. Perfectly hardy. Mail size, 50 cts.; 3 for \$1.25. Each Per 10
2 to 3 feet.....\$2.00 \$17.50
3 to 4 feet.....2.50 22.50

Siberian. A superb variety, somewhat similar to American, with heavier and fuller foliage and more compact habit. It holds its color during winter and bears trimming well; one of the hardiest. Mail size, 50 cts.; 3 for \$1.25. Each Per 10 Per 100
1½ to 2 feet.....\$1.25 \$10.00 \$90.00
2 to 3 feet.....1.75 15.00 125.00
3 to 4 feet.....2.50 22.50

Tom Thumb. Small, compact, with feathery foliage. Makes a beautiful ornament for a small yard or cemetery lot; fine for low hedges. Mail size, 50 cts.; 3 for \$1.25. 12 to 15 inches, 85 cts.; \$7.50 for 10.

DWARF BOX

Buxus Suffruticosa. Used principally for borders and edging, for which purpose, where hardy, it is the best plant in cultivation. Mail size, 20 cts.; \$1.25 for 10; \$10.00 for 100. By express, 3 to 5 inches, \$1.00 for 10; \$9.00 for 100.

CYPRESS—Cupressus

Nutkaensis. (Nootka Sound Cypress.) A choice pyramidal evergreen with glaucous green leaves and spreading, curving branches drooping at the tips. Perfectly hardy, a choice sort. Mail size, 75 cts.; 3 for \$2.00. 1½ to 2 feet, \$1.50. 2 to 3 feet, \$2.25.

Triomphe de Boskoop. A tall growing, slender trunked tree with spreading, pendulous branchlets clothed with fern-like, feathery foliage of a deep blue-green color. 2 to 3 feet, \$3.00 each.

FIR—Abies

Balsam. (American Silver.) A very regular, symmetrical tree, assuming the conical form even when young; leaves dark green above, silvery beneath. Mail size, 50 cts.; 3 for \$1.25. Each Per 10
2 to 3 feet.....\$1.25 \$10.00
3 to 4 feet.....2.00 17.50
4 to 5 feet.....2.50 22.50
5 to 6 feet.....3.50

Concolor. (White Fir.) A picturesque Colorado species; long, leathery leaves, with glaucous tinge when young, becoming pale green with age. Branches arranged in horizontal whorls. A grand tree making splendid specimens. Mail size, \$1.00. 1½ to 2 feet, \$3.00; 2 to 3 feet, \$4.00.

Fraseri. (Double Balsam Fir.) Similar to the well-known Balsam Fir, finer habit and darker foliage. A quick growing desirable specimen. 2 to 3 feet, \$2.00; 3 to 4 feet, \$3.00.

European Silver. (Pectinata.) A rapid grower of upright habit. Needles dark glossy green, silvery white beneath. 1½ to 2 feet, \$1.00; 2 to 3 feet, \$1.50; 3 to 4 feet, \$2.50.

Nordmanniana. A symmetrical and imposing tree; the warm green of the young shoots contrasting finely with the rich, deep color of the old foliage. Mail size, 75 cts.; 3 for \$2.00. Each Per 10
1½ to 2 feet.....\$1.75 \$15.00
2 to 3 feet.....2.50 22.50

JUNIPER—Juniperus

English. Makes a dense pyramidal specimen; grayish green. Mail size, 50 cts.; 3 for \$1.25. 1½ to 2 feet, \$1.25; 2 to 3 feet, \$1.75; 3 to 4 feet, \$2.50.

Excelsa. (Greek Juniper.) A compact pyramidal grower, making tall handsome specimens. Mail size, 50 cts.; 3 for \$1.25. 2 to 3 feet, \$1.75. 3 to 4 feet, \$2.50.

Irish. Erect and formal in habit; foliage deep green and very compact, making a splendid column, sometimes 15 to 20 feet high; much used in cemeteries. Mail size, 35 cts.; 3 for \$1.00. Each Per 10
1½ to 2 feet.....\$1.25 \$10.00
2 to 3 feet.....1.75 15.00
3 to 4 feet.....2.50 22.50



Irish Juniper

Red Cedar (*Juniperus Virginiana*)**JUNIPER** (Continued)

Japan. A beautiful dwarf, dense bushy tree with lively light green foliage. Mail size, 75 cts. 1½ to 2 feet, \$2.00. 2 to 3 feet, \$3.00.

Japan Golden. Of moderate growth and spreading habit. The attractive golden-hued foliage is constant throughout summer. Mail size, 75 cts. 18 to 24 inches, \$2.50; 2 to 3 feet, \$3.50.

Pfitzeriana. A handsome, bushy tree, with delicate foliage borne on long, whip-like branches. Fine for borders and in evergreen beds. 18 to 24 inches, \$2.00



Mugho Dwarf Pine

Savin. A low, spreading tree, with handsome dark green foliage; very hardy and suitable for lawns and cemeteries; can be pruned to any desired shape. Is also very desirable as a ground coverer. Mail size, 50 cts.; 3 for \$1.25. 18 to 24 inches, \$1.75.

Dwarf Swedish. (*Suecica Nana*.) A dwarf variety, compact habit of growth; foliage light green, not changing in winter; perfectly hardy. Mail size, 50 cts.; 3 for \$1.25. 1½ to 2 feet, \$1.50. 2 to 3 feet, \$2.00.

Virginiana. (Red Cedar.) A well known American tree, with deep green foliage, varies in habit and color, some being stiff, regular and conical, others loose and irregular. Mail size, 35 cts.; 3 for \$1.00.

	Each	Per 10
2 to 3 feet.....	\$1.50	\$12.50
3 to 4 feet.....	2.25	20.00

Virginiana Glauca. (Blue Va. Cedar.) Its compact conical form and beautiful blue glaucous foliage make it one of the choicest of all Junipers. Mail size, \$1.00. 2 to 3 feet, \$3.00. 3 to 4 feet, \$4.50.

Virginiana Schottii. A bushy dense form of the Red Cedar with light green foliage. Hardy and beautiful. 2 to 3 feet, \$2.50. 3 to 4 feet, \$3.50.

MAHONIA

Aquifolia. (Ashberry.) A beautiful shrub, with smooth shining leaves, covered with bright yellow flowers in May, and a profusion of blue berries in autumn. In fall and winter foliage changes to a scarlet-bronze. Mail size, 35 cts.; 3 for \$1.00.

	Each	Per 10
12 to 15 inches.....	.60	\$5.00
15 to 18 inches.....	.75	6.00
18 to 24 inches.....	.90	7.50

PINE—Pinus

Austrian Pine

Austrian. A strong, hardy grower, fine for windbreaks; grows rapidly on light, sandy soil; hardy. Mail size, 50 cts.; 3 for \$1.25. 2 to 3 feet, \$1.50; 3 to 4 feet, \$2.00.

Mugho. (Dwarf.) Very distinct, leaves short, stiff, little twisted and thickly distributed over the branches; does not grow tall, but spreads over the ground, generally assuming a globular form; very dense. Mail size, 60 cts.; 3 for \$1.50. 15 to 18 inches, \$2.50. 18 to 24 inches, \$3.50.

PINES

(Continued)

Ponderosa. (Bull Pine.) A sturdy, lofty tree from our western coast; hardy and quick-growing, with long needles of silvery green. 3 to 4 feet, \$3.00.

Scotch. Like the Austrian, its quick, strong growth makes it valuable for protective screens; very hardy. Mail size, 40 cts; 3 for \$1.00.

White. (Strobus.) A strong, rapid growing tree; with light, delicate silvery green foliage.

Mail size, 40 cts; 3 for \$1.00.	Each	Per 10
Scotch and White, 2 to 3 feet.....	\$1.50	\$12.50
" " " 3 to 4 feet.....	2.00	17.50
" " " 4 to 5 feet.....	3.00	27.50
" " " 5 to 6 feet.....	4.00	37.50



Retinispora Plumosa

RETINISPORIA

Obtusa Gracilis Aurea. A graceful small tree, the fern-like young shoots of a fine golden color. 2 to 3 feet, \$2.50. 3 to 4 feet, \$3.50.

Obtusa Nana. One of the finest of the family in showy arrangements of foliage, dense, slow-growing habit, and great depth of color. Mail size, 75 cts.; 3 for \$2.00.

Obtusa Nana Aurea. A beautiful golden form of above, foliage full rich yellow, the deepest shade of all golden evergreens. 15 to 18 inches, \$2.00. 18 to 24 inches, \$2.50.

Pisifera Aurea. A bright golden evergreen, that holds its color; foliage light and airy. Fine for groups or specimen. Mail size, 60 cts.; 3 for \$1.50. 2 to 3 feet, \$2.50; 10 for \$22.50. 3 to 4 feet, \$3.50; 10 for \$32.50.

Plumosa. An exceedingly handsome small evergreen from Japan, with feathery, light green foliage. Mail size, 60 cts.; 3 for \$1.50. 2 to 3 feet, \$2.25; 10 for \$20.00. 3 to 4 feet, \$3.50; 10 for \$32.50.

Plumosa Aurea. Like the preceding, a plant of great beauty; foliage soft plume-like, of a golden yellow color; close and compact habit. 2 to 3 feet, \$2.25; 10 for \$20.00. 3 to 4 feet, \$3.50; 10 for \$32.50.



White Pine



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E**SPRUCE—Picea**

Alba. (White Spruce.) One of the very best conifers, especially for cold climates. Compact, upright growing, long-lived, retaining its branches to the ground, aromatic, drought-resisting; varies in color from light green to glaucous blue. Mail size, 50 cts.; 3 for \$1.25. 2 to 3 feet, \$2.50.

Alcoquiana. A medium size tree, pyramidal form, short, sharp leaves, dark green above, glaucous beneath. A fine variety, rare and showy. 2 to 3 feet, \$3.00; 3 to 4 feet, \$4.00.

Black. A handsome small tree with slender, pendulous branches. Valuable for cold climates and light, dry soils. Mail size, 50 cts; 3 for \$1.25. 2 to 3 feet, \$2.50.

Colorado. (Pungens.) The original form of the famous Blue Spruce; foliage sometimes quite blue, mostly light green. A vigorous grower, hardy, making fine specimens. Mail size, 60 cts.; 3 for \$1.50. 1½ to 2 feet, \$1.75. 2 to 3 feet, \$2.50.

Colorado. (Pungens Glauca.) A selected deep blue form of above. 24 inches, \$5.00.

Engelmanni. From the Rocky Mountains, makes fine symmetrical specimens. Under side of leaves light blue. Mail size, 75 cts. 2 to 3 feet, \$3.00.

Douglassi. From the mountains of Colorado. A rapid grower; foliage somewhat resembles Hemlock, leaves light green above, glaucous below. Conical form, branches spreading, light and graceful. Mail size, 60 cts.; 3 for \$1.50. 1½ to 2 feet, \$2.00. 2 to 3 feet, \$2.50.

Hemlock. An elegant pyramidal tree with drooping branches and delicate, dark foliage. It is a beautiful lawn tree and makes a highly ornamental hedge. Mail size, 50 cts.; 3 for \$1.25. 2 to 3 feet, \$2.50 each; 10 for \$22.50. 3 to 4 feet, \$3.50 each; 10 for \$32.50.

**A Block of Norways**

Norway. A lofty noble tree of pyramidal habit, exceedingly picturesque. Very popular, and one of the best evergreens for hedges. Mail size, 20 cts.; 8 for \$1.50; 100 for \$10.00.

	Each	Per 10	Per 100
1½ to 2 feet.....	\$.75	\$6.00	\$50.00
2 to 3 feet.....	.90	7.50	65.00
3 to 4 feet.....	1.50	12.50	100.00
4 to 5 feet.....	2.00	17.50	150.00

Norway Weeping. (Inverta.) A variety of the Norway with larger foliage, lateral branches drooping like a willow. 2 to 3 feet, \$3.00.

YEW—Taxus

The Yews are choice, dwarf evergreens, densely clothed with small, blackish green leaves. Fertile specimens have scarlet berries in autumn.

Canadensis. A native of Canadian forests; hardy anywhere. 12 to 15 inch, \$1.50. 15 to 18 inch, \$2.00.

Cuspidata Brevifolia.

A very handsome, rare form of the Japan Yew, with short dark green leaves; dense bushy habit. Hardest of Yews. 12 to 15 inches, \$2.00. 15 to 18 inches, \$2.50.

English. Makes a fine densely branched bush or small tree. Can be sheared into any desired form. 12 to 15 inches, \$1.50; 15 to 18 inches, \$2.00.

**Yew—Brevifolia**



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SPRING 1920

The front cover of this catalogue is not designed to sell any particular article of Nursery Stock, although the beauty and charm of the picture might well inspire one to obtain an arbor of Dorothy Perkins Roses.

The design is merely to greet you with a smile at the portals, and invite you to follow down the flowery paths, thru gardens and groves and fragrant orchards, until the need which prompts your visit has found full satisfaction. In laying out our catalogue, we aim to get direct to the point without superfluous and confusing verbiage, making of it a catalogue in fact, and not a persistent selling argument. We believe the good judgment and taste of the average reader needs no coercion, if facts are clearly presented and carefully illustrated.

We do not run much to "sets," etc., but for the benefit of the fellow who is always in a hurry, we will call attention, however, to a few certain groups, sets and collections distributed throughout the book, which represent in each case careful selection and grouping of varieties to make up an ideal planting unit. This is done entirely in your interest; they are the "gist" of the 176 pages. We will make up these various sets in large quantities, thus being able to price them at a discount and ensure for those who buy, in each case A BARGAIN.

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3rd Cover. 3 Giant Double Zinnias and 3 Giant Comet Asters.

4th Cover. 6 Choicest Vegetables.

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